Lancaster Farming

VOL. 32 No. 35 | Lancaster Farming, Friday, July 3, 1987 | Four Sections | $8.50 Per Year

1,000 RCMA Contract Signed

Secretary of Agriculture Boyd E. Wolff (right) hands the 1,000 RCMA contract to Creedin Cornman. On hand for the presentation were Steve Cornman, who operates Justa Beauty Holsteins with his father, Creedin, and Edward Anna, RCMA executive director. The Cornmans farm is located near Boiling Springs.

Milk Prices Stabilize, Supplies Tightening

BY MARTHA J. GEHRINGER

UNIVERSITY PARK — In May, the Minnesota-Wisconsin milk price halted its downward slide of the past six months. This fact coupled with stabilizing milk prices and decreasing Commodity Credit Corporation purchases indicate a tightening fall milk supply in the Northeast.

After peaking in November 1986 at $11.91, the M-W price dropped steadily to its May level of $11 This level is 7 cents under the federal milk support price. However, the M-W price for May was 2 cents higher than a year ago, indicating the improving health of the dairy industry, noted Dr. Jack Kirkland, Penn State dairy marketing specialist.

In past years at this time, the M-W price was well below the support price, he explained. "We've seen the largest amount milk of milk on the market we will see. Usually it declines through June and July." Therefore, he noted, the time for the adverse effect on the M-W price would have been in May. He expects the M-W price to improve through the fall.

Kirkland explained that despite the tightening milk supply, Congress may elect to drop the support price for milk on Jan. 1, 1988. It depends on what they expect to purchase, the marketing specialist commented, not what they are pur-

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Manure Study Results Presented At Penn Ag Meeting

BY JACK HUBLEY

LANCASTER — Lancaster County accounts for 21 percent of the state's total agriculture, Extension Director Jay Irwin told a group of agribusinessmen during a PennAg Industries symposium on the Chesapeake Bay held at the Shawnee Lancaster Resort on Monday.

Livestock enterprises account for a sizeable chunk of this percentage, and, in terms of sheer numbers of animals, the poultry industry goes unchallenged, with 42 million broilers and about 10 million layers. "We produce enough eggs in Lancaster County in a year's time to go around the equator two and a half times," Irwin said, quoting some of the more imaginative statistics he has compiled.

Just how far the manure from more than 50 million birds will stretch is another matter. Based on 1985 statistics from the Crop and Livestock Summary, Irwin calculates that the county needs about 75,000 more cropland acres if all the livestock manure is to be spread at recommended rates.

The obvious solution, then, is to

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Ken and Nelson Stoner's dairy farm, Lititz, suffered damage to each of the 16 buildings on their farm. These buildings were among the estimated 100 farm buildings damaged in the wake of the Tuesday's storm. The silo in the foreground was ripped from its foundation.

Fair Season Schedule

Since the late 17th century Pennsylvanians have enjoyed agricultural fairs, and the tradition continues this year with numerous community and county fairs showcasing agriculture all across the Keystone State. To help you make plans for the fair season we've included a list of this year's events on page A28.

Governor Signs Horsedrawn Vehicle Law

Governor Casey has signed into law legislation sponsored by Sen. Noah W. Wenger, R-36, which exempts horsedrawn vehicles from using flashing signal lights during daylight hours.

Drivers of vehicles equipped with flashing signal lights are currently required to use these flashing lights when their vehicle is unable to maintain a speed of 25 miles per hour or a speed consistent with the normal flow of traffic.

"The Mennonites and Amish in our communities have been stopped and fined by police for not using their flashing lights on their buggies during daylight hours," explained Wenger. "Because of the non-mechanical nature of these buggies, these lights are sometimes difficult to power. The limited use of buggies on public roadways also makes the use of these lights unnecessary during daylight hours."

The Senator said, however, that the new law does not remove requirements that flashing lights on buggies be used during non-daylight hours. "For the safety of buggy passengers and motorists, buggies must have flashing lights in operation at night," said Wenger.

The act also requires that police notify the owner of a stolen automobile within 48 hours of recovering or receiving notice of recovery of the vehicle.

If the vehicle is recovered by a police department other than the department to which the theft was originally reported, the recovering department must notify the department that handled the original theft report. The latter department is then responsible for notifying the vehicle's owner.

The provision will eliminate delays in returning recovered stolen vehicles caused when outside police departments recover the car and then must scout around the state to find the owner of the vehicle.

The bill, formerly Senate Bill 157, is now Act 13 of 1987.

Storm Devastates Lancaster Area

LITITZ — A savage thunderstorm with 100 mph winds and hail ripped across the northern portion of Lancaster County Tuesday afternoon leaving in its path destruction estimated at $6 million to farms alone. An estimate of total property damage in the county has not yet been determined

The storm originated in the Mount Joy area and cut a 20-mile swath to Reinholds. One meterologist labeled the storm a line-squall, a storm caused by a slow moving cold front that collided with a hot, humid air mass. Prior to the storm

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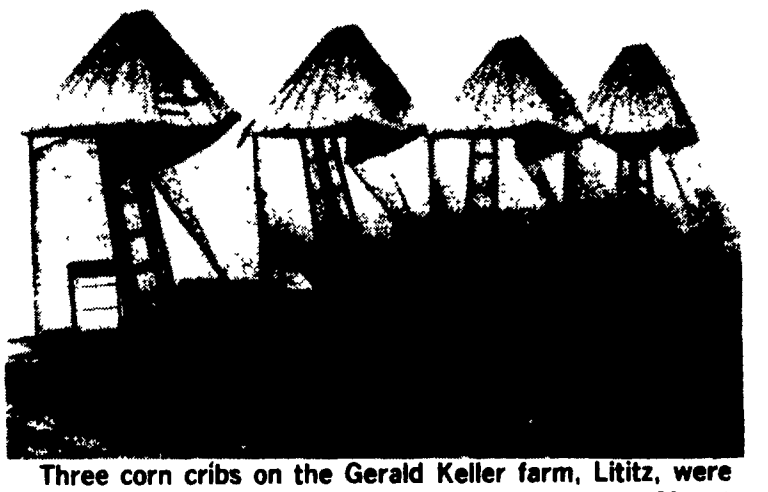

Three corn cribs on the Gerald Keller farm, Lititz, were damaged in a storm that cut a straight line between Mount Joy and Reinholds. The severe thunderstorm pelted the northern Lancaster County area with heavy rains, high winds and hail.

Livestock market and auction news

Lancaster Livestock Auction

Lancaster, Pa.
Monday, June 29, 1987

	Cattle	Calves	Hogs	Sheep	Goats
Today	1101	144	552	533	502
Wk Ago	1350	111	371	480	432
Yr Ago	1620	126	583	398	320

CATTLE: SLAUGHTER STEERS FULLY STEADY; SLAUGHTER HEIFERS STEADY TO WEAK, COWS 1 00 LOWER, INSTANCES 1 50 LOWER; BULLOCKS STEADY, INSTANCES 50 HIGHER ON GOOD; BULLS 1 00 HIGHER, SOME EARLY SALES 2 00 HIGHER. SUPPLY INCLUDED 71% SLAUGHTER STEERS, 13% SLAUGHTER HEIFERS, 8% COWS, AND 8% BULLS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1095-1415 LB 71.25-72 50; 15 HEAD CHOICE AND PRIME 2-3 1175-1350 LB 72.50-74 75, CHOICE 2-3 FEW 4 1150-1450 LB 69 00-71 10, FEW 71.25-72 00, FEW 1000-1100 LB 67.75-69 00, HIGH GOOD AND LOW CHOICE 2-3 1000-1380 LB 65.75-69.50; FEW GOOD 2-3 62 00-65.50; GOOD AND CHOICE 1190-1660 LB HOLSTEINS 57 00-60 50, FEW CHOICE 60 50-63 50, SMALL SUPPLY STANDARD 985-1300 LB 53 25-56 50.

SLAUGHTER HEIFERS: CHOICE 2-3 FEW 4 950-1250 LB 64 75-68.75, FEW CHOICE 2 69 00-70.00, CHOICE 2-3 850-950 LB 62.75-67.00, GOOD 2-3 950-1200 LB 59 50-65.50.

COWS. SMALL SUPPLY BREAKING UTILITY AND COMMERCIAL 2-3 46 00-49 25; CUTTER AND BONING UTILITY 1-3 42 75-45 75, FEW HEAD 46.50-48 00, CUTTER AND BONING UTILITY 2-3 850-960 LB BEEF BREED 42 00-45.00, LOW CUTTER 41 50-42 75

BULLOCKS. CHOICE 1-3 1050-1350 LB 59 00-61 75, COUPLE 61 75-63 25, GOOD 1-2 1000-1300 LB 54 50-58.00

BULLS: YIELD GRADE 1 1300-2050 LB 58 50-60 50, FEW 61.00-64.25, COUPLE 66.75-68.00, YIELD GRADE 2 1050-1350 LB 54 00-58 75

VEAL CALVES. SMALL SUPPLY CHOICE VEALERS FIRM TO 5.00 HIGHER, HIGH GOOD AND LOW CHOICE STEADY, INSTANCES 5 00 LOWER; SLAUGHTER CALVES FULLY STEADY. DEMAND ONLY FAIR FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS· CHOICE 200-310 LB 85.00-95.00; HIGH GOOD AND LOW CHOICE 110-350 LB 70 00-85 00, 80-110 LB 68.00-80 00; FEW STANDARD 65-85 LB 60 00- 70.00

SLAUGHTER CALVES: GOOD AND CHOICE 270-380 LB 70.00-80 00

RETURNED TO FARM BULK 90-125 LB HOLSTEIN BULLS 100 00-110 00

HOGS· BARROWS AND GILTS WEAK TO MOSTLY 1 00 LOWER, SOWS UNEVEN, WEIGHTS UNDER 500 LB STEADY TO WEAK, WEIGHTS OVER 500 LB 1 00-3 00 LOWER

BARROWS AND GILTS US 1-2 210-250 LB 62 00-63 00. US 1 215-250 LB 63 50-65 00 US 1-3 215-250 LB 61 00-62 00, 200-210 LB 57 00-59 00 US 2-4 225-260 LB 60 00-61 00

SOWS US 1-2 300-500 LB 43 00-47 00, US 3-4 38 00-42 00 US 1-3 500-650 LB 40 00-44 00

SHEEP SPRING LAMBS STEADY TO WEAK, SLAUGHTER EWES 5 00-7 00 HIGHER

SPRING LAMBS CHOICE 60-110 LB 70 00-78 00

SLAUGHTER EWES UTILITY AND GOOD 20 00-35 00, FEW MOSTLY GOOD 90-115 LB YEARLINGS AND TWO YEAR OLDS 35 00-65 00

GOATS· ALL GOATS SOLD BY THE HEAD LARGE 50 00-80 00, MEDIUM 35 00- 50 00; SMALL 20 00-35 00

Vintage Livestock Auction

Paradise, Pa.
Tuesday, June 30, 1987

CATTLE 727 . USDA (Supply included 57% steers and 39% cows) Compared with Thursday's market· Slaughter steers steady, instances 50 higher on Good to Low Choice, Heifers not tested, Cows steady to $1 lower; Bulls not fully tested 25 head Choice & Prime 2-3, 1200-1375 lbs sl steers 72-75 25, Choice 2-3 few 4's 1100-1450 lbs. 69 00-71, few to 72 10, High Good & Low Choice 2-3, 1150-1250 lbs. 67-69 75, Good 64 50-67.00 Breaking Utility & Commercial sl cows 2-4, 44 50-47.75, few Commercial & Good 50 00-54, Cutter & Boning Utility 1-3, 43 00-46, several high dressing 47 00-49, Canner & Low Cutter 39 00-42, several 37 50-39.00. Few Yield Grade No. 1-2, 1050-1450 lbs. sl bulls 50 00-54 00

CALVES 752 ..(Supply included 598 in graded sales of which 77% sold to return to farm) Vealers steady to weak, Choice and Prime not fully tested. Couple Choice 165-295 lbs 87 00-93, High Good to Low Choice 130-300 lbs. 65 00-81, 80-110 lbs 75.00-78, Standard 55-80 lbs 60 00-70 00 Farm Calves: Holstein Bulls 100-115 lbs 123 00-129, 120-125 lbs 115 00-118, 90-95 lbs 108 00-109, Small Frame 110-115 lbs 113.00-117, 100-105 lbs 101 00-105, 85-95 lbs 80 00-81, Holstein Heifers 100-115 lbs. 119 00-135, 90-95 lbs 80 00-96 00

SHEEP 7 Insufficient volume for a market test

GOATS 0 . No market test.

Peoria Cattle

Thursday, July 2, 1987

COMPARED WITH LAST WEEK SLAUGHTER STEERS CLOSED WEAK TO 1 00 LOWER, SLAUGHTER HEIFERS 50 TO 1 50 LOWER MOST DECLINE ON BOTH CLASSES WEDNESDAY SLAUGHTER COWS CLOSED 1 50 TO 3 00 LOWER BULLS 1 00 TO 2 00 LOWER SUPPLY MAINLY GOOD TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH 3% COWS ESTIMATED RECEIPTS THIS WEEK ABOUT 1500 AS COMPARED WITH ACTUAL RECEIPTS OF 1444 LAST WEEK AND 1767 A YEAR AGO.

SLAUGHTER STEERS CHOICE 2-4 1100 1300 LBS 68 00-70 00, PACKAGE 71 00; 950-1100 LBS 66 00-69 50 GOOD AND CHOICE 2-3 1000-1200 LBS 63 00-68 00.

HOLSTEIN STEERS GOOD AND CHOICE 2-3 1200-1450 LBS. 57.50-59.00.

SLAUGHTER HEIFERS· CHOICE 2-4 1000-1200 LBS 64.00-68 00, 850- 1000 LBS 62 50-67.00. GOOD AND CHOICE 2-3 900-1100 LBS 62.00- 65 00.

SLAUGHTER COWS BREAKING UTILITY 2-3 40 00-42 00 CUTTER AND BONING UTILITY 1-2 38 00 44 50, FEW HIGH DRESSING 44 00 45 00 CANNER AND LOW CUTTER 34 00 38 00

BULLS YG 1 2 1400-1800 LBS 49 00 57 00

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, July 2, 1987

	Cattle	Calves	Hogs	Sheep	Goats
Today	44	42	459	1	0
Wk Ago	143	36	243	0	0
Yr Ago	137	15	220	0	0

CATTLE: INSUFFICIENT VOLUME TO FULLY TEST TRENDS SMALL SUPPLY CHOICE 2-4 1080-1310 LB SLAUGHTER STEERS 68 50-70 50 COUPLE BONING UTILITY 2-3 COWS 43 50-44.00, CANNER AND LOW CUTTER 39 25-41 75.

VEAL CALVES: NO MARKET TEST

HOGS· BARROWS AND GILTS 1 00-1.50 LOWER, SMALL SUPPLY SOWS WEAK TO 2 00 LOWER

BARROWS AND GILTS· US 1-2 210-245 LB 61 00-62 00 US 1 12 HEAD 215-235 LB 63 00-64 00 US 1-3 210-250 LB 59.75-60.75 US 2-4 220-250 LB 58 50-59.50

SOWS: US 1-3 300-650 LB 39 00-43 00

SHEEP NO MARKET TEST

GOATS NO MARKET TEST

Frederick Livestock

Monday, June 29, 1987

BUTCHER COWS: $1-$2 lower. Good 46.00-48.00; Standard & Utility 42.00-45.00; Canners 40.00-43.00; Shelly 39.00 down.

BULLS: Good to 55.00; Medium to 53.00.

STEERS: Good to 63.00; Standard to 50.00.

HEIFERS: Good 50.00-55.00; Medium 46.00-50.00.

BUTCHER HOGS: 2.00-3.00 lower. Tops 60.50. 215-230 lbs. 59.50-60.50. Sows 300-500 lbs. 42.00-46.75.

VEAL CALVES: No Light Choice Offered- Good-Low Choice 70.00-75.00; Standard-Good 60.00-70.00; Stocky & Thin 80-100 lbs. 75.00-82.00; 60-80 lbs. 60.00-78.00.

CALVES RETURNING TO FARM: Holstein heifers 90-120 lbs. 85.00-99.00.

HOLSTEIN BULLS: 85-95 lbs. 85.00-100.00; 95-120 lbs. 100.00-129.00.

LAMBS: Choice 100 lbs. at 72.00; Good 80 lbs. at 65.00.

STOCK CATTLE: Light run. Steers- Few med. 400-650 lbs. 52.00-61.50; Heifers- 300-500 lbs. 60.00-70.00. Bulls 300-500 lbs. 63.00-69.00. Dairy Cows to 600.00.

PIGS & SHOATS: Light run. By the Head 40-50 lbs. 35.00-42.00.

Some Markets Not Available Due To Early Press Deadlines

Leesport Livestock

Leesport, PA
Wednesday, July 1, 1987
Report Supplied by PDA

CATTLE 206. Sl. cows 2 00-3 50 lower; few Choice 1120-1410 lb sl. steers 65 25-67.50; few Good 64.00-66.00; Good & Choice 1200-1500 lb. hol 55 00-60 00, few to 62.25; few Standard 52 00-53.75; 2 Choice sl. heifers 66.50 and 67.50, few Good 55.25-58.25, Breaking Uulity & Commercial sl. cows 45 00-48 00, few to 50 75; few Commercial 3-4, 44 00-45 25; Cutter & Boning Utility 42 25-45 50, Canner & Low Cutter 39.25-42 75, shells down to 33.00; Good & Choice bullocks 55 00-58.00, few to 63 50, few Standard 54 25-54 50; few YG 1, 1300-2000 lb sl bulls 53 10-60 00, individual 66 00, few YG 2, 1200-1500 lb. 48 00-52.75

FEEDER CATTLE· Steers few Med & Large 1, 550-675 lb 66.00-69 00, few Large 2, 465-650 lb. 58 00-64 00; heifers few Med. & Large 1, 480-900 lb. 57 75-65 00; Large Frame 1, 800-1375 lb stock cows 45 00-53.00, several to 59.50, several Large Frame 1, 900-1100 lb stock bulls 63 00-70 50; few limousin cross 105-285 lb bull calves 120 00-165 00, one at 210.00; few limousin cross 125-240 lb heifer calves 105 00-140 00

CALVES 166. Vealers 3.00-5 00 lower, few Good vealers 75 00-85.00, Standard & Good 85-115 lb. 68 00-75 00, 70-85 lb 60 00-68 00; few Utility 55-80 lb 50 00-58 00

FARM CALVES· Hol. bulls 90-130 lb 70 00-128 00, mostly 112 00-120 00, few hol heifers 95-130 lb 84.00-100 00, few beef cross bulls and heifers 70-300 lb 72 50-97.50.

HOGS: 257. Barows & gilts 2 50-3 00 lower; few 1-2, 220-235 lb 59 50-60.25; 1-3, 210-240 lb. 57 75-59 10, lot 59 75; few 200-205 lb. 52 00-57.00, few 2-3, 240-265 lb. 56 00-58 00; few 2-4, 270-315 lb 50.50-53.00; few 1-3, 185-190 lb 54 00-54 75; sows 1 00-3 00 lower, 1-3, 300-500 lb. 41.00-47.50 with few to 50.00, 500-720 lb. 40 00-43.50, few Med 300-385 lb 34.50-40.50, few boars 40 00-43 50

FEEDER PIGS· 276 Lot 1-3, 20 lb. 24.00 per head, few 1-3, 20-30 lb 122.50-135 00, 30-50 lb 103 00-120 00, small lot at 145.00; 60-65 lb 104.00-107.00, few Uulity 40-45 lb 94 00-100.00, all per hundredweight

SHEEP: 47 Few Choice 45-75 lb sl lambs 78 00-96 00, 85-115 lb 68 00-72 00, sl sheep 14.00-35 00

GOATS 20 Few Large adult 40 00-54 00, Large kids 26 00-35 00, all per head

Belknap Livestock

Dayton, Pa.
Wednesday, July 1, 1987
Report Supplied by PDA

CATTLE 58 Compared with last Wednesday's market One Good hol steer 59 00, one Standard heifer 48 00, few Breaking Utility & Commercial sl cows 42 25-45 00; Cutter & Boning Utility 39.50-42 50; Canner & Low Cutter 34.00-38.50; shells down to 20 50, one Standard bullock 54 00.

FEEDER CATTLE: Steers few Med 1, 350-575 lb 65 50-70 00, few 770-910 lb 55 00-60.00; heifers few Med 1, 525-605 lb 59.00-61.00, bulls few Med. 1, 525-660 lb. 56 00-60.00

CALVES: 66 Few Good vealers 68 00-74.00, Standard & Good 90-110 lb 69.00-75 00, 65-85 lb 60 00-71.00, few Utility 55-65 lb. 40.00-58 00.

FARM CALVES Holstein bulls 90-125 lb 80 00-120 00, few hol. heifers 80-110 lb 86 00-90 00; few beef cross bulls and heifers 80-100 lbs. 75 00-81 00

HOGS· 168 Barrows and gilts mostly 2 00 lower US No. 1-2 230-245 lbs 59 00-59.75, 1-3 220-250 lbs 57 00-59 00, 2-3 220-265 lbs 54 50-57 00, 1-3 190-210 lb. 51 00-57 00, few 1-3, 400-545 lb sows 41.00-42 00, few boars 38 25-38 75

FEEDER PIGS: 70 US No 1-3 15 35 lbs. feeder pigs 21.00-38 00, 40-50 lbs 41 00-51 50, 50-75 lbs 42 00-54 00 -- all per head

SHEEP: 23. Small lot High Choice & Prime 76 lb 74 00, small lot Choice 68 lb 65 00; small lot Good 68 lb 62 00, sl ewes 15.00-27.00

GOATS· 35. Large 35 00-57 00, Med 16 00-30 00, kids 10 00-19 00, all per head

Belleville Livestock

Belleville, Pa.
Wednesday, July 1, 1987
Report supplied by auction

CATTLE 148 Few Good hol steers 50 00-57 50, cows Breaking Utility & Commercial cows 45 00-48 85, Cutter & Boning Utility 38 85-45 00; shells down to 31 85, YG 1, 1080-1920 lb sl bulls 52 35-57.50

CALVES· 117 Standard & Good vealers 70-105 lb. 73 00-85 00.

FARM CALVES· Hol bulls 90-135 lb 85 00-127 00, mostly 100 00-122 00

HOGS: 117 US No 1-2 lbs barrows & gilts 60 25-61 60, 1-3 190-200 lbs 56 10-58 50, US 1-3 sows 43 00-47 00 Boars 34 00-36 00

FEEDER PIGS 369 US No 1-3 20-35 lbs feeder pigs 22 50-37 00, 35-60 lbs 38 50-52 00 — all per head

SHEEP· 59 Good & Choice sl lambs 56 00-71 00, sl ewes 11 00-38 00

GOATS 9 27 00-54 00 per head — ALL PER HD

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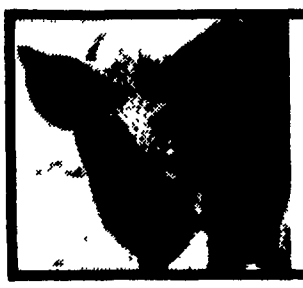

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Sat., June 27, 1987
Report supplied by auction

1,026 head.

US #1 220-245 lbs. 65.00-66.75; US 1&2 200-250 lbs. 63.00-64.50; US 1&3 200-250 lbs. 61.50-62.75; US 2&4 200-250 lbs. 60.00-61.25, a few 59.00-59.75.

SOWS: 350-500 lbs. 44.00-48.50; 500 and up 41.00-44.00.

BOARS: Under 275 lbs. 48.00-56.50; Over 275 lbs. 40.00-42.00.

New Holland Feeder Pigs

New Holland, PA
Wednesday, July 1, 1987
Report Supplied by Auction

1562 head.

1's and 2's, 30-39 lbs , 1.15-1.30; 40-49 lbs., .88-1.20; 50-59 lbs , .85-1.10, 60-69 lbs., .84- 87.

2's and 3's, 31-37 lbs., 1.02-1.17.

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, June 29, 1987
Federal State Market News Service

Today	1031
Last Monday	787
Last Year	1233

TREND: Compared to last Monday barrows and gilts 1.00-2 00 lower.

BARROWS & GILTS US 1-2 210-245 lb. 62.00-63.00, Few to 63.50; US 1 210-250 lb. 64.00-65.50, Eight head 66.00; US 1-3 200-255 lb. 60 00-62 00; US 3-4 270-290 lb. 52 50-56 50, 290-315 lb. 49 00-52.50.

Vintage Hogs

Paradise, PA
Saturday, June 27, 1987
Report supplied by Auction

1's and 2's, 215-265 lbs., 60.50-63.75; Sows, 375-600 lbs., 43.25-47.75; Boars, 255-725 lbs., 39.75-42.00.

Peoria Hogs

Peoria, Illinois
Wednesday, July 1, 1987

HOGS: 2200 TRADING SLOW RECEIPTS CURRENTLY 500 HEAD UNDER THE EARLY ESTIMATE BARROWS AND GILTS OPENING STEADY TO .50 LOWER. SUPPLY MAINLY US 1-3 220-250 LBS.

US 1-3 220-250 LBS. 60 00-60 50 120 HEAD 60.75 200-220 LBS. 56 00-60 00

SOWS· UNEVENLY .50 TO 2 00 LOWER 18%.

US 1-2 320-400 LBS. MOSTLY 49 00, FEW 49.50-50.00 400-450 LBS 46 50-47 00 450-500 LBS. 43 50-44 00 1-3 500-650 LBS. 43 00-44 00

Indianapolis Hogs

Wednesday, July 1, 1987

USDA FLASH HOGS· 400 BARROWS & GILTS ACTIVE, 25-50 HIGHER SUPPLY US 1-3 220-260 LBS

US 1-3 225 250 LBS 60 25-60 50

SOWS· MODERATELY ACTIVE, 1 00-3 00 LOWER. 12%

US 1-3 575-675 LBS 44 00-46 00.

BOARS· OVER 400 LBS 44 00.

Joliet Hogs

Wednesday, July 1, 1987

REPORTED SALES FOR TUESDAY 2,700 WEEK TO DATE: 7,000

LIVE SALES TRADE MOSTLY SLOW. SLAUGHTER STEERS AND HEIFERS STEADY TO WEAK. DEMAND· LIGHT TO MODERATE EXCEPT FAIRLY GOOD TO COUPLE INTERESTS NEEDING CATTLE FOR IMMIDEATE KILL. SELLER INTEREST MOSTLY MODERATE.

LIVE SALES SLAUGHTER STEERS: MOSTLY CHOICE 2-4 1050-1300LBS. 69.50-70.50. MIXED GOOD AND CHOICE 2-3 68.00-69.50.

SLAUGHTER HEIFERS: MOSTLY CHOICE 2-4 950-1100 LBS 68.50-69.50. MIXED GOOD AND CHOICE 2-3 67.00-68 50.

MOST CATTLE DELIVERED TO THE PACKING PLANTS WITH WEIGHING CONDITIONS EQUIVALENT TO 3% SHRINK AT THE FEEDLOTS CARCASS BASIS

STEERS AND HEIFERS STEADY.

WEIGHT ONLY STEERS MOSTLY CHOICE 2-4 600-900 LBS. 110 00-112 00 WEIGHT ONLY HEIFERS. MOSTLY CHOICE 2 4 550-800 LBS 108 00-110 00, FEW 107 00

DRESSED PRICES BASED ON HOT WEIGHTS.

FLASH, MIDSESSION AND CLOSE HOGS 100 TRADING MODERATE. BARROWS AND GILTS .50 LOWER

US 1-3 220-235 LBS 60 00

SOWS STEADY

US 1-2 350-500 LBS. 46 00 OVER 500 LBS. 42 00

BOARS NOT ENOUGH TO QUOTE

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GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, June 26 through Thursday, July 2)

CORN

	FRI.	MON.	TUES.	WED.	THURS.
JUL.	185¼	178¼	179½	172¾	—
SEPT.	191	184½	186½	179¾	—
DEC.	197¼	189½	191½	184¼	—
MAR 88	204½	197¼	199	192¾	—
MAY	207½	201¼	202¾	197½	—
JUL.	208¾	202¼	204	199	—

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
JUL.	548	534	536¼	532¾	—
AUG.	553¾	539	541¾	536¼	—
SEPT.	554	539	543½	536½	—
NOV.	563	546½	550½	544½	—
JAN 88	572	554½	559	552	—
MAR.	582	564¼	568¼	562½	—
JUL.	592	571	575	570	—

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
AUG.	63.30	63.27	63.30	62.97	—
OCT.	61.22	61.27	61.67	61.55	—
DEC.	63.15	63.05	63.30	63.17	—
FEB 88	64.17	64.10	64.40	64.25	—
APR.	65.00	64.97	65.22	65.12	—

WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
JUL.	259¾	254½	256¼	257¾	—
SEPT.	266½	262¼	263¼	265¾	—
DEC.	275¼	270¾	271	274¾	—
MAR 88	278½	275¼	275¾	277½	—
MAY	272	268	268	271	—

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
JUL.	57.15	56.50	57.30	58.60	—
AUG.	53.15	52.55	53.10	54.45	—
OCT.	45.10	43.82	44.45	45.95	—
DEC.	45.05	44.07	44.45	45.95	—
FEB 88	43.05	42.10	42.35	43.85	—
APR.	40.30	39.80	39.70	41.10	—

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
JUL.	175.10	170.70	170.90	168.10	—
AUG.	172.90	168.50	167.80	164.80	—
SEPT.	171.90	166.70	166.00	163.70	—
OCT.	170.50	165.70	164.70	162.70	—
DEC.	172.70	167.00	166.20	163.30	—
JAN 88	174.00	167.70	168.00	165.00	—
MAR	177.00	171.00	171.00	168.50	—

FARM BUREAU ACRES

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers Association Farm Management Services For additional market comments and trading service contact PFA Commodity Futures Service (717) 761 2740

ACRES CORN UPDATE: Corn futures closed higher with late short covering and position evening featured Ideas that recent losses were overdone boosted prices on the op ening. The July option was supported by a good export outlook and be strength in the Gulf Basis. Gains in the December option were limited by news of midwestern crop progress, with most of the corn in good to excellent shape. Traders termed this afternoon's grain stocks report fractionally bearish for corn

Generic certificate premiums today are a little softer at 106-1/4 to 107%

ACRES SOYBEAN UPDATE: Soybeans closed higher across the board on late buying with support coming from the strength in soyoil Although trading was moderate throughout the session, gains were made on ideas that recent losses were overdone The November option closed up 4 cents at $5 50-1/2 while the July option only gained 2-1/4 cent, settling at $5 3625 Traders have termed this afternoon's grain stocks report bullish for soybeans and have projected a higher opening tomorrow of 2-3 cents. Announced after the clo e of today's session was the reopening of Brazilian's soymeal and pellet registrations

ACRES WHEAT UPDATE: Wheat futures settled higher from 1/4 cent to 1-3/4 cents today on short covering based in part on ideas that yesterday's losses were overdone Gains in the July option relative to the deferreds were tied to lighter-than-anticipated deliveries against July this morning as well as yesterday's weekly export inspection figure Paring further gains was the excellent harvest weather and the weekly state crop updates. Today's grain stocks report was termed bullish for wheat, with ideas that wheat could open 1 to 2 cents higher tomorrow

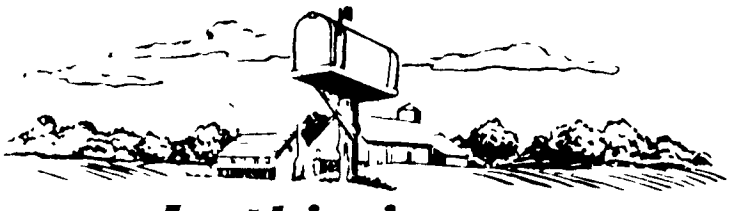
ACRES CATTLE UPDATE: Live cattle futures and feeder cattle futures both closed higher today, prompted by expectations that today's cattle inventory report would show depleted reserves of feeder supplies Today's action was in sharp contrast to the session's sparse trade. August prices were lower relative to the deferred because today's report was not expected to impact the nearby as much as the deferreds Slightly lower cash fundamentals weighed on the August live cattle throughout today's session, with only a 3 point gain for the day Today's USDA Cattle inventory report showed the following·

USDA TRADE ESTIMATES average CATTLE & CALVES JUNE 1 87 AS percentage of 86 98 97.8 in million head 112.1 111 7

1987 CALF CROP 87 as percentage of 86 99 98 8 in million head 40 7 40 7

ACRES HOG UPDATE: The pork complex closed mixed with July through December all posting gains on a late buying spree tied to short covering before today's USDA hog and pig report Advances were

(Turn to Page A4)



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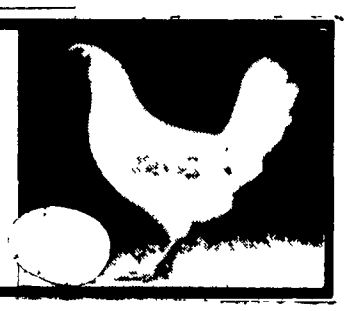
POULTRY MARKETS



Delmarva Broiler/Fryer & NY Multiple Drop

Wednesday, July 1, 1987

DELMARVA BROILER FRYER MARKET

DEMAND FOR READY-TO-COOK WHOLE BIRDS WAS GOOD OVERALL OFFERINGS WERE ADEQUATE TO WELL CLEARED AT ALL PLANTS. INQUIRY FOR PARTS WAS A BIT MORE SELECTIVE TODAY BUT SUFFICIENT TO KEEP ALL ITEMS CLEARING SATISFACTORILY LESS THAN TRUCKLOT ASKING PRICES WERE AGAIN 2 CENTS HIGHER RANGING 47 TO 58 CENTS LIVE SUPPLIES WERE GENERALLY MODERATE AT DESIRABLE TO LIGHT WEIGHTS SLAUGHTER SCHEDULES WERE MODERATELY HEAVY. MOST PLANTS HAVE SCHEDULED DOWNTIME FOR THE HOLIDAY ON EITHER MONDAY OR FRIDAY. THE UNDERTONE REMAINED FIRM

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000).

ESTIMATED ACTUAL ACTUAL AVERAGE WEIGHTS 7/1 6/24 6/29 6/29 6/22 2006 2001 1980 4 43 4 44

NEW YORK MULTIPLE-DROP BROILER REPORT

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U S GRADE A RANGE 42-56 WEIGHTED AVERAGE 50.97 NO. OF BOXES 9,294

New England Shell Eggs

Wednesday, July 1, 1987

SHELL EGGS IN NEW ENGLAND. PRICES WERE UNCHANGED. THE MARKET TONE WAS GENERALLY STEADY.

DEMAND FOR CARTONED EGGS WAS MIXED FROM QUIET INTO SOME RETAIL CHANNELS TO GOOD INTO OTHER RETAIL AREAS AND RESORTS. SUPPLIES OF ALL SIZES WERE IN GOOD BALANCE.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN·

JUMBO 80-.83, EX LARGE 58-61, LARGE 50-53, MEDIUM .34-37, SMALL 12-.15.

BOSTON PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR

A EXTRA LARGE .79-82, A LARGE .71-74, A MEDIUM 55-.58.

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Heinsey's Poultry

Roots, East Petersburg
Tuesday, June 30, 1987

MUSCOVY DUCKS, DRAKE RANGE 1 42-1 60, HENS 1 30-1 46.
PEKING DUCKS 30-48.
PULLETS 5-7 LBS 40-50.
RED FOWL 4-4.5 LBS .24-36, 5-6 LBS .40-56.
CROSSBRED ROOSTERS 4-6 LBS 25-.72, 7-11 LBS. 20-.44.
CROSSBRED FOWL· 5-9 LBS. .24-44.
BANTY ROOSTERS 2 00-4 75 EA.
BANTY HENS .50-1 75 EA
GUINEA PIGS 50-1.50 EA
GOATS 30 00-61.00 EA
KID GOATS 19 00-26 00 EA
GUINEA FOWL 3 30-3 65
GEESE 7-10 LBS 30-44.
PIGEONS 1 25-1 50 EA
WHITE PIGEONS 2 85-3 25 EA.
RABBITS 4-6 LBS .80-1.06, -11 LBS. 72-96
LEGHORN ROOSTERS 24-38
LEGHORN HENS .11-22.
BUNNIES .75-1 25 EA
DOVES 2 50-3.75 EA
SILKIES 2 50-4 75 EA
TOTAL COOPS SOLD 801.

Philadelphia Eggs

Wednesday, July 1, 1987
Report Supplied by USDA

Market Comment: Prices were unchanged under a steady but cautious market tone. Cartoned egg demand was somewhat improved as the holiday weekend approached, and was primarily moderate. Nest run and graded loose trading was limited as most producers and distributors had adequate floor stocks. Supplies of extra large were tight to adequate, and large and mediums were at least fully adequate.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra large .61-.63; A Large .59-.61; A Medium .41-.43.

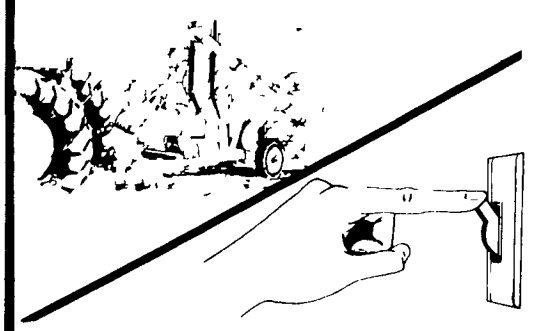
(Continued from Page A2)

limited throughout the day by this morning's lower cash hog prices and by steady to lower fresh product prices at midday The July option gained 80 points closing at $57 30 while the August only gained 55 points closing at $53 10

The USDA HOG and PIG report was as follows and has been construed by traders as bullish for futures

UNITED STATES 87 AS %AGE TRADE ESTIMATES OF 1986 AVERAGE HOGS & PIGS 6/01 107 106 9 Kept for Breeding 110 110 9 Kept for Marketing 107 106 4

MAKING FEED?



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N.E. Weekly Shell Egg Report

Tuesday, June 30
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.84-.88	.76-.80	.60-.64	.38-.42
Mostly	.86-.87	.78-.79	.62-.63	.40-.41
R.I.	.87-.91	.79-.83	.63-.67	.41-.45
Mostly	.87	.79	.63	.41
VERMONT	.93-.97	.85-.90	.70-.75	
mostly	.95	.85	.70	
MAINE	.91-.98	.83-.90	.67-.74	.45-.54

Weekly New York Egg Market Northeast Quotes

From Friday, June 26 to Thursday, July 2

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.82	82	82	82	
Ex. Large	.75	.75	.75	75	
Large	.65	65	65	65	
Medium	.48	.48	.47	47	
Pullets	.41	41	41	41	
Off Grade	54	54	54	54	
BROWN					
Ex Large	73	73	73	.73	
Large	.67	67	67	67	
Mediums	.50	.50	50	50	
OFF GRADE					
Undergrades and checks	.27	27	27	27	

Breaking Stocks Friday 42-44 lbs 29 00-30 00, 48-50 lbs 35 00-36 00, 50 lbs up 36 00-37 00, Tuesday 42-44 lbs 28 00-29 00

Eastern Pennsylvania and New Jersey

Wednesday, July 1
Report supplied by USDA

Market Comment: Prices were unchanged. Demand was moderate. Offerings were irregular, ranging fully adequate to tightening in some spots for next week's schedules. Processor schedules were at desired levels with an occasional plant observing normal seasonal shut-down. The undertone was at least steady with traders closely observing conditions in shell egg markets.

Prices Paid at Farm: Light Type Hens .05-.06, mostly .05-.05½.

Northeast Chicken Parts

Wednesday, July 1, 1987

Comment: Trading was fair to fairly good, but buyers were becoming selective. Cutlets were clearing, but they were at least adequate at current price levels. The demand for line-run breasts was diminished, and offerings remained scattered, but the willingness to pay the high side of today's price level was wavering. The call for rib breasts was good, and supplies were barely adequate to occasionally short. Legs and leg quarters were clearing easily, but the call was not as aggressive as earlier in the week. The supply of wings was irregular, but overall product was in better balance and moving slightly better.

Breasts, skinned, boneless 1.75-1.80.
Rib-on-breasts .92-.93.
Line run breasts .82-.85.
Legs .46-.47.
Leg quarters .35-.36.
Wings .36-.37.
Backs and necks .11-.12.
Livers .20.
Gizzards (hearts) .20.

Today's negotiated sales as of 11:30 a.m. prices paid per pound on ice packed part delivered in pool trucklot and trucklot quantities.

New York & Philadelphia Frozen Eggs

Tuesday, June 30, 1987

THE MARKET TONE WAS MIXED BUYERS USUALLY RESISTED THE HIGHER ASKING PRICES AND IN SOME INSTANCES SELLERS SUCCUMBED. OFFERINGS OF RAW MATERIALS USUALLY INCREASED BUT HELD WITH VARYING DEGREES OF CONFIDENCE. MOST BREAKERS WORKED DESIRED SCHEDULES AND HAD SUFFICIENT FLOOR STOCKS TO HANDLE CURRENT BUYER INTEREST.

WHOLESALE SELLING PRICES (PER POUND IN 30 LB CONTAINERS)U.S.D.A INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT) WHOLE 40-43 MOS 41-42 44-51 BLENDS (/) - 51-59 WHITES 31-33 MOS 32 34-39

YOLKS (MIN. 43 PCT SOLIDS) SUGARED 57-60 MOS 57-58 60-68 SALTED 50-54 MOS 51-52.

National Egg Market

Wednesday, July 1, 1987

NATIONAL EGG MARKET AT A GLANCE

MEDIUM PRICES WERE UNCHANGED TO LOWER IN PARTS OF THE MIDWEST, AND PRICES UNCHANGED ELSEWHERE THE MARKET TONE CONTINUED TO BE CAUTIOUS AND ABOUT STEADY DEMAND FOR CARTONED EGGS WAS SLOW TO MODERATE, IMPROVED IN SOME AREAS FOR THE UPCOMING HOLIDAY WEEKEND, DISAPPOINTING IN OTHER AREAS SUPPLIES OF EXTRA LARGE WERE LIGHT TO ADEQUATE, LARGE AND MEDIUMS WERE ADEQUATE TO AMPLE AND OFFERINGS OF NEST RUN AND SURPLUS GRADED EGGS WERE MET WITH LITTLE INTEREST MOST BREAKERS TOOK A WAIT AND SEE POSITION AND PROVIDED A LIMITED DEMAND FOR THE FULLY ADEQUATE OFFERINGS SPOT HEN TRADING LIGHT TO FAIR AND GENERALLY UNAGGRESSIVE ADVANCE BOOKINGS TENDING TIGHTER IN SPOTS AT GENERALLY UNCHANGED PRICES PROCESSED MEAT SALES LACKLUSTER OVERALL AND SEASONAL

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Number of Calves	48	48	48	48
0-4 Weeks Gain (lbs.)	34.58	37.28	37.69	35.64
0-6 Weeks Gain (lbs.)	65.94	68.78	69.44	68.42

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HAY MARKETS

Pa. Grain

Monday, June 29, 1987
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn steady to .05, instances .10 lower; Wheat steady to .10 lower, some new crop on the market in southern counties; Barley steady to .10 higher; Oats mostly steady to weak; Soybeans highly uneven; Ear Corn mostly steady.

Southeastern Pennsylvania

Corn No. 2-y range 1.85-2.13, average 1.99, *Contract for Harvest 1.77-2.03; @Wheat No. 2 range 2.40-2.70, average 2.56; Barley No. 3 range 1.20-1.45, average 1.31; Oats No. 2 range 1.50-1.90, average 1.69, *Contract for Harvest .95-1.13; Soybeans No. 1 range 5.30-6.00, average 5.53, *Contract for Harvest 5.24-5.50; *Gr. Sorghum #2 range 1.70, average 1.70, *Contract for Harvest 1.70; *+Buckwheat *Contract for Harvest 8.40; Ear Corn range 52.00-65.00, average 6.77.

Central Pennsylvania

Corn No. 2-y range 1.70-2.00, average 1.88; @Wheat No. 2 range 2.40-2.70, average 2.56; Barley No. 3 range 1.20-1.40, average 1.29; Oats No. 2 range 1.40-1.75, average 1.58; Soybeans No. 1 range 5.50-6.00, average 5.70; Ear Corn range 48.00-55.00, average 52.30.

South Central Pennsylvania

Corn No. 2-y range 1.90-2.10, average 1.75; @Wheat No. 2 2.35-2.60, average 2.46; Barley No. 3 range 1.20-1.48, average 1.36; Oats No. 2 range 1.50-1.90, average 1.73; Ear Corn range 55.00-68.00, average 59.89.

Western Pennsylvania

Corn No. 2-y range 1.75-2.05, average 1.91; @Wheat No. 2 range 2.10-2.45, average 2.33; Oats No. 2 range 1.40-1.75, few reported 1.30, average 1.55; Ear Corn range 55.00-58.00, average 56.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 1.75-2.10, average 1.94; @Wheat No. 2-y range 2.40-2.70, average 2.54; Barley No. 3 range 1.20-1.45, average 1.32; Oats No. 2 range 1.50-1.90, average 1.66; Soybeans No. 1 range 5.30-6.00, average 5.60; Ear Corn range 50.00-65.00, average 56.25.

Month Ago

Corn No. 2-y range 1.90; @Wheat No. 2-y range 2.66; Barley No. 3 range 1.41; Oats No. 2 range 1.71; Soybeans No. 1 range 5.39; Ear Corn range 54.75.

Year Ago

Corn No. 2-y average 2.57; @Wheat No. 2-y average 2.51; Barley No. 3 average 1.29; Oats No. 2 average 1.12; Soybeans No. 1 average 4.63; Ear Corn average 67.51.

Regional Hay

June 26, 1987
Eastern, Pa.
On-Farm Sales

HAY & STRAW MARKET FOR EASTERN PA. (All Hay No. 2 and better prices paid by dealers at the farm and per ton.) Hay and Straw mostly steady, some second cutting Alfalfa on the market.

Alfalfa 70.00-100.00; Mixed Hay 50.00-80.00; Timothy 50.00-80.00; Straw 55.00-80.00; Mulch 30.00-40.00.

Lancaster Co. Auctions

SUMMARY OF LANCASTER CO. HAY AUCTIONS For Week Ending 6/26/87. PRICES PER TON: LOADS: 137 Hay, 45 Straw, and 33 Ear Corn.

Alfalfa 67.00-120.00; Mixed Hay 47.00-102.00; Timothy 60.00-112.00; Straw 48.00-119.00; Ear Corn 64.00-76.00.

Central Pa. Hay Auctions

SUMMARY OF CENTRAL PA. HAY AUCTIONS For Week Ending 6/26/87. PRICES PER TON: LOADS: 50 Hay, 13 Straw and 19 Ear Corn.

Alfalfa 68.00-135.00; Mixed Hay 40.00-80.00; Timothy 50.00-80.00; Straw 40.00-82.00; Ear Corn 55.00-68.00.

New Holland Hay

New Holland, PA
Monday, June 29
Report Supplied by Auction

90 loads.

Alfalfa, 78.00-110.00; Timothy, 58.00-115.00; Mixed Hay, 53.00-190.00; Straw, 52.00-110.00; Corn, 62.00-74.00.

Dewart Hay

Dewart, PA.
Monday, June 29, 1987
Report Supplied by Auction

Hay, 52.00-68.00; 2 loads Straw, 77.00 and 78.00; 1 load Corn, 56.00.

Leinbach's Hay

Shippensburg, PA
June 27 & 30
Report supplied by Auction

26 loads.

Alfalfa, 85.00-99.00; Mixed Hay, 37.50-57.50; Timothy, 38.00-89.00; Grass, 60.00; Straw, 75.00; Ear Corn, 65.00-68.00.

Barley, 1.30 bu.; Mulch Hay, 21.00-30.00.

Keister's Hay

Middleburg, PA
Tuesday, June 30
Report supplied by auction

11 loads Mixed Hay, 40.00-70.00; 3 loads Straw, 70.00-80.00; 3 loads Ear Corn, 57.50-62.00.

3 loads Oats, 1.50-1.65 bu.

Green Dragon Hay

Ephrata, Pa.
Friday, June 26, 1987
Report Supplied by Auction

72 loads

Mixed Hay, 35 00-100 00, Orchard Grass, 3 loads at 52 00, 66 00 and 70 00, Timothy, 52 00-80 00, Straw, 35 00-84 00

Ear Corn, 55 00-71 00, Oats, 1 50-1 90 bu

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Call Forney Longenecker, Commodities Investment Executive, At (717) 295-8914
SHEARSON LEHMAN BROTHERS
29 E. King St.
Lancaster, PA 17603

SHEARSON LEHMAN BROTHERS
An American Express company
AMERICAN EXPRESS

HERE TO STAY!

MAKE 1987 THE YEAR TO GET ACQUAINTED WITH NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
11:00 A.M.

COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

The Action Auction
717-354-4341

Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

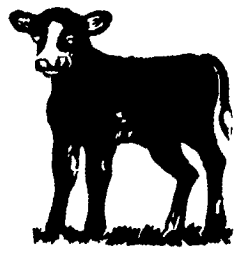
THURSDAY
10:00 AM

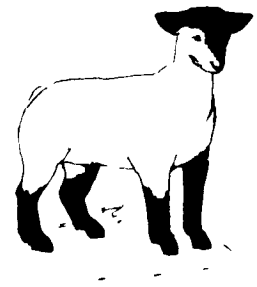
BULLS -

STEERS - BEEF COWS

2:30 P.M.

CALVES





SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

National Grain Summary

Washington, D.C.
Tuesday, June 30, 1987

WHEAT MIXED, CORN AND SOYBEAN MARKETS MOVED HIGHER, WHEAT TRADED UNCHANGED AT KANSAS CITY, UP 3 CENTS AT ST LOUIS BUT EASED 1/4 TO 4 CENTS PER BUSHEL AT OTHER MARKETS. YELLOW CORN MARKETS ADVANCED MOSTLY 1 TO 2 CENTS SOYBEAN TRADED ONE TO 5 1/2 CENTS PER BUSHEL HIGHER CHICAGO JULY SOYBEAN MEAL FUTURES ROSE 80 CENTS PER TON AND JULY SOYEAN OIL WENT UP 28 POINTS BOLIVIA TENDERS THIS WEEK FOR 60,000 TONS OF U S HARD RED WINTER WHEAT TUNISIA TENDERED TODAY FOR 75,000 TONS OF SOFT RED WINTER WHEAT FOR JULY- SEPTEMBER. JAPAN TENDERED TODAY FOR AUGUST WHEAT NEEDS MEXICO TENDERED TODAY FOR 210,000 TONS OF U S CORN FOR JULY-AUGUST SHIPMENT

DATE CHANGE YEAR AGO 6/30/87 6/29/87 7/01/86.

WHEAT KANSAS CITY 2 57-2 59 UNCH 2 47 MINNEAPOLIS 3 05 3/4 - 1/4 3 02 PORTLAND 2 83-2 88 - 2 TO 4 2 82-2 87 ST LOUIS 2 50-2 53 + 3 2 43-2 52

CORN, U S NO 2 YELLOW: KANSAS CITY 1.77-1 82 + 2 2 20-2 29 MINNEAPOLIS 1 71 1/2 + 1 1/4 1 98 3/4 SO IOWA 1.79-1 81 UNCH TO + 1 2 05-2 06 OMAHA 1 69-1 71 + 2 2 14-2 19.

SOYBEANS, NO 1 YELLOW: KANSAS CITY 5.29-5 39 + 1 TO 5.27 MINNEAPOLIS 5.34 1/4 + 2 1/4 5.06 1/4 SO. IOWA 5 38-5.41 + 1 5.08-5 09 C. ILL PROCESSORS 5 38 1/2-5.48 1/2 + 2 1/2 TO5 1/2 5 14 1/2-5 26 1/2.

*KANSAS CITY, U S NO 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN MINNEAPOLIS, U S NO 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN; PORTLAND NO 2 SOFT WHITE WHEAT; AND ST. LOUIS, NO 2 SOFT RED WINTER WHEAT.

GRAIN FUTURES CLOSE:

KANSAS CITY (JULY) WHEAT 2 54 3/4 + 3/4 2.34 1/2.

MINNEAPOLIS (JULY) WHEAT 2 54 3/4 - 1/4 2.61

CHICAGO (JULY) WHEAT 2 56 1/4 + 1 3/4 2.46 1/2

CORN 1.79 1/2 + 1 1/4 2 07 3/4

SOYBEANS 5 36 1/4 + 2 1/4 4 99 1/4

EXPORT PRICES BARGE OR RAIL, GULF DELIVERY

NO 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 2 86 3/4-2 88 3/4 + 3/4 TO 1 3/4 NO 2 SOFT RED WINTER WHEAT 2 66-2 70 UNCH TO 2 NO 2 YELLOW CORN 2 01 1/2-2 02 + 2 TO 4 1/2 NO 2 YELLOW SORGHUM 3 31-3 32 + 3 NO 2 YELLOW SOYBEANS 5 65-5 66 + 2

Good's Hay

Leola, Pa.
Wed., July 1, 1987
Report Supplied by Auction

50 loads.

Mixed Hay, 52.50-101.00; Alfalfa, 70.00-118.00; Timothy, 61.00-109.00; Straw, 63.00-109.00; Corn, 60.00-75.00.

2 Loads Oats, each at 2.30 bu.; Clover, 40.00.

Belleville Hay

Wednesday, July 1
Belleville, PA
Report Supplied by Auction

18 loads Hay. Alfalfa, 20.00-67.50; Mixed Hay, 40.00-80.00; Timothy, 27.50-57.50; 3 loads Straw, 90.00-107.50; 4 loads Ear Corn, 60.00-62.50.

Westminster Hay

Hagerstown, Md.
Tuesday, June 30, 1987

8 loads.

Timothy 78 per ton; Clover-Timothy 64.00-78.00; Mixed Hay 1.40-1.65 per bale; Dark Orchard Grass 1.00.

Grantsville Livestock

Grantsville, Maryland
Saturday, June 27, 1987

Large: 39-44; Medium: 25-30.

HOGS: Top Barrows & Gilts 62.00-63.50; Heavy Butcher 55.00-62.50; Light Butcher 45.00-58.50; Butcher Sows 37.00-47.00; Feeder Shoats 20.00-45.00

VEAL: Good 85.00-89.00; Standard 80.00-84.00; Utility 50.00-75.00; Bull Calves 1.00-1.30.

SHEEP & LAMBS: Good 62.00-71.00; Utility 56.00-60.00; Culls 18.00-22.00.

SLAUGHTER CATTLE: Steers: Good Non-Available; Standard 58.00-65.50; Utility 50.00-55.00.

HEIFERS: Good non-available; Standard 54.00-62.50; Utility 42.00-50.00.

COWS: Commercial 44.00-51.50; Utility 38.00-42.00; Canner & Cutter 35.00-37.00.

BULLS: Commercial & Good 54.00-61.25; Cutter & Utility 50.00-53.00.

STOCK-FEEDER CATTLE: (Yearling Steers) Good 65.00-68.00; Medium 58.00-62.00.

STEER CALVES: Good 75.00-81.00; Medium 60.00-70.00.

HEIFER CALVES: Good 62.00-68.00; Medium 50.00-60.00.

Some Markets Not Available Due To Early Press Deadlines

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, June 30, 1987
Report supplied by auction

SLAUGHTER: $2 lower. Cows: High Yield 46.00-48.00; Utility 42.00-45.00; Canners 40.00-43.00; Shelly 40.00 down. Bulls: 1200-1800 lb. 50.00-60.00. Fed Steers: No Choice Good Holsteins 52.00-56.50; Good Beef Type 59.00-64.00. Heifers: Holsteins 45.00-49.00. Veal Calves prices lower on slaughter calves. Choice 78.00-82.00; Standard-Good 63.00-77.00; Stocky/Thin 50.00-60.00; Killers 80-100 lbs. 73.00-80.00; 60-80 lb. 65.00-73.00. FARM CALVES: Holstein Bulls $10-15 higher 100-:120 lb. 105.00-121.00; 90-100 lbs. 85.00-110.00; Holstein Heifers, Good Demand 95-130 lb. 85.00-108.00. Butcher Hogs: 69 hd. $3 lower; US #1 & 3 215-240 lb. 57.25-58.50; 240-260 lbs. 56.75-57.50. 200-215 lb. 55.00-56.50. Sows: 21 hd. $2 lower 300-475 lb. 44.00'45.25 1 at 46.50; 500-650 lb. 41.00-42.00. Boars 400-700 lb. 40.00-41.10; 300-400 lb. 37.00-38.50.

STOCK CATTLE: 50 hd. Good Demand. Steers: 21 hd. 300-500 lb. Good 70.00-77.00; Medium 59.00-65.00; 500-700 lb. 59.00-68.00; 700-850 lb. 55.00-65.00; 850-975 lb. 54.00-65.00. Heifers: 22 hd. 300-500 lb. Good 62.00-68.00; Medium 55.00-61.00; 400-700 lb. Good 57.00-62.00; Medium 50.00-57.00; 700-900 lb. few 48.00-54.00. Bulls: 10 hd. 300-500 lb. 62.00-73.00; 500-700 lb. 57.00-61.50; 700-900 lb. 47.00-58.00. Lambs: 30 hd. No high choice offered, good-low choice w/bucks 90-120 lb. 61.00-67.00. Feeders: 45-85 lb. 60.00-70.00; 1 20 lb. 72.50. Sheep 21 hd. 20.00-30.00; Couple to 38.00. Goats 45 hd. Medium 40.00-54.00; small 25.00-36.00; kids 15.00-25.00. Pigs & Shoats 100 hd. Good selection 20-35 lbs. 22.00-37.00; 35-45 lb. 35.00-40.50; 70-85 lb. 49.00-55.00; by the lb. 150-195 lb. 47.00-56.00; 100-130 lb. 56.00-60.00. Bred Gilts 300-375 lb. 48.00-50.00.

MELHORN SALES, SERVICE, TRUCKING CO.
1010 W. Main St., Mount Joy, PA 17552

DEKALB XL

DEKALB XL-Link®

The American Bird
Backed By Research And Performance.
The Most Consistent And Reliable Bird On The Market Today

Please Review These Local Records Of Lancaster, York And Lebanon County Flocks.

20 Weeks of Age	# Birds	Peak Production	# Weeks Over 90%	Livability
12-23-85	45,914	Over 93% - 9 weeks	Over 90% - 16 weeks	96.3% at 56 weeks
5-08-86	82,845	Over 93% - 2 weeks	Over 90% - 18 weeks	93.4% at 70 weeks
7-21-86	30,688	Over 93% - 4 weeks	Over 90% - 14 weeks	96.1% at 60 weeks
7-30-86	45,715	Over 93% - 16 weeks	Over 90% - 20 weeks	95.8% at 59 weeks
8-29-86	60,637	Over 93% - 8 weeks	Over 90% - 14 weeks	94.6% at 62 weeks
9-08-86	42,200	Over 93% - 3 weeks	Over 90% - 11 weeks	97.7% at 49 weeks
9-17-86	81,244	Over 93% - 12 weeks	Over 90% - 18 weeks	96.9% at 56 weeks
9-17-86	20,371	Over 93% - 8 weeks	Over 90% - 17 weeks	96.2% at 52 weeks
9-22-86	40,187	Over 93% - 12 weeks	Over 90% - 18 weeks	94.3% at 59 weeks
9-24-86	60,885	Over 93% - 12 weeks	Over 90% - 19 weeks	97.1% at 55 weeks
9-30-86	27,988	Over 93% - 10 weeks	Over 90% - 17 weeks	95.9% at 53 weeks
10-06-86	50,164	Over 93% - 9 weeks	Over 90% - 18 weeks	93.8% at 52 weeks
10-21-86	63,308	Over 93% - 9 weeks	Over 90% - 18 weeks	96.7% at 47 weeks
11-25-86	20,608	Over 93% - 9 weeks	Over 90% - 15 weeks	96.0% at 41 weeks
12-08-86	62,226	Over 93% - 4 weeks	Over 90% - 15 weeks	97.0% at 41 weeks
12-24-86	61,290	Over 93% - 13 weeks	Over 90% - 18 weeks	97.0% at 41 weeks
12-29-86	27,664	Over 93% - 10 weeks	Over 90% - 16 weeks	95.9% at 43 weeks
1-30-87	85,619	Over 93% - 8 weeks	Over 90% - 15 weeks	95 9% at 38 weeks

Average: 18 Farms with 909,553 layers averaged over 93% for 8½ weeks, over 90% for 16½ weeks.

Records like these are a result of superior genetics, a sound growing program, and excellent management in the laying house. We would welcome the opportunity to be of service to you in your production needs.

The only full service company, in this area, to handle the total needs of poultrymen.

DEKALB

For More Information Phone:
717-653-1102
Monday - Friday 8:30 AM - 4:00 PM

MELHORN DEKALB SALES • SERVICE • TRUCKING

ROPE IN SOME EXTRA CASH!
Advertise With A Lancaster Farming CLASSIFIED AD.
Phone 717-394-3047 or 717-626-1164

HAY & STRAW SALE
12:00 Noon
Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
Harvey Z. Martin
215-268-3604 (Office)
215-445-5303 (Residence)

SEWAGE PUMP SALE
See EECO Ad
Pg. C-34

GRAIN & LIVESTOCK HEDGING SERVICES WITH
EF Hutton
Jim Rohrbaugh, Account Executive
E.F. Hutton & Company Inc
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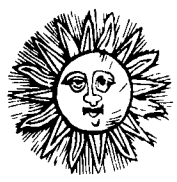
(717) 763-1611
(800) 822-9553 In-state
(800) 334-3119 Out-of-state

THE OLD FARMER'S ALMANAC

July 6-12, 1987

Sweet heat!

Full moon July 10 (Fri) Artist Marc Chagall born July 7, 1887 Miss Irene Coit, of Norwich, Conn , notified July 8, 1891 that she would be the first woman admitted to Yale Average length of days for the week 15 hours 7 minutes London Bridge fell down from fire July 10, 1220 Aaron Burr shoots and fatally wounds Alexander Hamilton in a duel at Weehawken, N J, July 11, 1804 Moon is closest to the earth for the year July 11 *With the trowel of patience we dig out the roots of truth*



Ask the Old Farmer: My friend and I noticed that cows out feeding in the pasture are all facing the same way Is there a reason for this? C M , North Chicago, Ill

Yes especially in the coastal sections The critters swing like a vane on the gable of a barn to head the wind Otherwise the wind will rough up their fur and they don't like it!

Home Hints Place small pieces of black plastic under melons squash es and pumpkins to keep them free of ground rot

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week seasonable midweek warmer and showers, end of week sunny and hot

Greater New York-New Jersey: Clear and hot at beginning of week, midweek light showers, continuing hot, end of week sunny and very warm

Middle Atlantic Coastal: Beginning of week seasonable showers south midweek clear and hot end of week partly cloudy and warm, showers south

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Leola Produce Auction

Leola, PA
Tuesday, June 30, 1987
Phone 656-9592
Report Supplied by Auction

Apricots: 9.00-12.00 8 qt. flat.
Blueberries: 14.00-18.00 12 pt. flat.
Broccoli: 4.00-7.00, 14's-16's.
Cabbage: (green) 3.00-4.50, 50#, (red) 4.00-10.50, 50#.
Cauliflower: .10-.44 hd.
Cherries: (sour) 12.00-15.00 8 qt. flat.
Corn: (sweet) 1.10-1.80 doz.
Cucumbers: 7.00-10.00 1 1/9 bu.
Onions: 10.00-12.00, 40 ct. bunch.
Pickles: 9.00-12.00 ½ bu.
Peppers: 10.00-11.50 1 1/9 bu.
Potatoes: 7.00-9.00, 25# ½ bu.; .90, 10#
Raspberries: (red) 20.00-26.50 12 pt. flat; (black) 14.00-18.00 8 qt. flat, 12.00-14.00 12 pt. flat.
Red Beets: 3.00-4.75, 15's.
String Beans: (green) 10.00-15.00 1 1/9 bu.; (yellow) 10.00-15.00. 1 1/9 bu.
Sugar Peas: 10.00-15.00 10 lbs.
Tomatoes: hydroponic 11.00-16.00 10 lbs.; field #1 30.00-40.00 25 lbs.
Yellow Squash: 2.00-4.50 ½ bu.
Zucchini: (yellow) 3.00-5.00 ½ bu.; (green) 2.00-2.50 ½ bu.

Valley Livestock

Athens, Pa.
Monday, June 29, 1987
Report supplied by auction

Holstein Hfr. Calves to 120.00.
Veal Calves 65.00-81.00.
Vealer Bull Calves to 96.00.
Slaughter Calves to 80.00.
Grassers & Feeders 40.00-60.00.
Lambs 65.00-80.00.
Sheep 20.00-40.00.
Hogs, 200 to 250 52.00-57.50.
Sows 44.00-46.00.
Boars 35.00-37.50.
Pigs each 15.00-46.00.
Heifers 44.00-53.75.
Steers 46.00-59.00.
Steers, feeder 45.00-65.00.
Bulls 46.00-57.50.
Cows, utility 46.00-48.00.
Cows, fat 44.00-47.00.
Cows, medium 39.00-43.00.
Cows, poor or small 32.00-36.00.
Cattle Market some easier.
Calf Market steady.
Horses each to 250.00.
Ponies each to 65.00.
Goats each to 48.00.
Remarks: Some types of beef cows are cheaper.
Feeder Sale 1st Monday of Each Month.
Dairy Sale 3rd Thursday of Each Month.

Farmers Livestock Auction

Duncansville, Pa.
Mon., June 29, 1987
Report supplied by auction

CATTLE 158. STEERS: H. Choice & Prime 64.00-69.75; Choice 62.00-66.25; Good 60.00-61.75; Standard 54.00-58.75.
HEIFERS: Choice 61.00-65.25; Good 52.00-60.50.
COWS: Utility & Commercial 47.00-50.25; Cutters 45.00-47.25; Canner & Low Cutter 37.50-44.75.
BULLOCKS: Good & Choice 57.50-63.00.
BULLS: Yield Grade No. 1 52.50-60.00.
FEEDER CATTLE: Steers Good 65.00-78.50; Standard 59.00-64.00; Bulls Good 64.00-76.50; Standard 52.50-63.25. Heifers Good 59.00-69.50; Standard 50.00-57.50.
CALVES 284. Prime 84.00-98.50; Choice 74.00-82.50; Good 60.00-72.00; Standard & Good 55.00-64.50; 90-110 lbs. 72.00-84.50; 65-90 lbs. 60.00-88.50; Holstein Bulls 90-130 lbs. 110.00-137.00; Holstein Heifers 90-130 lbs. 90.00-105.00.
HOGS 57. US No. 1-2 61.00-62.50; US No. 1-3 58.00-60.50.
SOWS: US No. 1-3 42.00-45.50. Boars 36.00-41.00.
FEEDER PIGS 68. US No. 1-3 20-35 lbs. 33.00-43.00 per head; No. 1-3 35-50 lbs. 44.00-51.00 per head.
SHEEP 54. Choice 72.50-90.00; Good 65.00-71.00; Sl. Ewes 18.00-29.00; Goats 18.50-35.00 per head.
HAY: 2 Loads $45.00-$75.00 per ton.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, June 30
Report supplied by Auction

Beef Cows: Utility and Commercial 46.00-49.25; Cutters 43.00-45.50; Canners 40.00-42.50; Shells 38.00.
Heifers: Standard 50.00-56.00; Commercial 41.00-48.00.
Steers: Good 55.00-59.50; Standard 51.00-54.00.
Bulls: Good 55.00-57.50; Standard 52.00-54.50.
Feeder Cattle: 300-500 lbs. large frame 50.00-58.00; 500-700 lbs. large frame 51.00-55.00.
Veal Calves: Good 87.00-98.00; Standard 76.00-87.00; Utility 60.00-75.00.
Farm Calves: Bulls 105.00-129.00; Heifers 100.00-108.00.
Hogs: 59.75-61.50.
Sows: 42.00-46.00.
Shoats: 25-30 lbs. per head 27.50-32.00; 30-35 lbs. per head 34.00-42.00; 35-50 lbs. per head 44.00-52.00.
Lambs: 74.00-77.00.
Sheep: 14.00-19.00.
Goats: 14.00-51.00.

Shippensburg Produce Auction

(717) 530-1700
Shippensburg, PA
June 25, 27, 30
Report Supplied by Auction

Apples 2.00-2.25 ½ bu
Apricots 11.00 ½ bu
Broccoli 2.25-4.00 ½ bu
Cabbage 2.00-4.00 bu
Cauliflower 10-.35 ea
Cherries (sweet) 5.25-9.50 8 qt flat, (sour) 6.50-8.25 8 qt flat.
Cucumbers 2.50-4.50 ½ bu
Lettuce 2.00-3.00 bu.
Onions 5.50 ½ bu. 20 bunch
Peas (hull) 6.00-9.25 ½ bu
Pickles 2.75-7.00 ½ bu.
Potatoes 1.40-3.80 10#, 9.75-12.00 50#.
Raspberry 12.00-13.75, 12 pt. flat
Red Beets 3.00-8.50 15 bunch bu
Squash 2.50-6.00 ½ bu
String Beans (green) 3.00-10.50 ½ bu
Sugar Peas 3.75-7.50 ½ bu
Sugar Snaps 4.25-9.50 ½ bu
Tomatoes (field) 12.00-17.50 25# box
Watermelon 1.50-3.20 ea.
Zucchini 2.75-6.25 ½ bu

New Wilmington Livestock Auction

N. Wilmington, Pa.
Monday, June 29, 1987

CATTLE 271 .PDA Compared with last Monday's market· Slaughter Cows $1.50 lower. Few Good sl steers 59.75-63.50, Standard 52.00-59.50, Utility 48.00-52.00. Few Good sl. heifers 56.00-56.75, few Standard 51.00-54.25 Breaking Utility & Commercial sl cows 47.00-49.50, one 51.00, Cutter & Boning Utility 43.00-47.50, Canner & Low Cutter 35.00-43.25 Utility sl. bullocks 47.00-50.00. Yield Grade No. 1, 1320-1890 lbs sl bulls 52.00-57, one 58.75, few No. 2, 1220-1325 lbs. 50.75-52.00. Feeder Cattle: Medium & Large Frame No 1, 450-765 lbs. heifers 53.75-60, Medium #2, 300-600 lbs 52.00-60.00. Medium & Large Frame No 1, 450-625 lbs. bulls 57.50-64.50

CALVES 278...Few Choice vealers 88.00-90, few Good 72.00-85, Standard & Good 90-120 lbs. 75.00-80, 65-85 lbs 71.00-77, lot Utility 56 lbs 56.00 Farm Calves· Holstein Bulls 90-135 lbs. 80.00-118, Holstein Heifers 90-120 lbs. 75.00-88.00

HOGS 469...Barrows and gilts $3 lower. US No. 1-2 225-245 lbs. 59.75-60.50, lot 61.25, 1-3 215-265 lbs 58.00-60, 2-3 230-265 lbs. 56.00-58, 1-3 205-215 lbs. 55.00-58.00 Sows mostly $1 lower US No. 1-3 300-670 lbs sows 40.50-47.00 Boars 39.00-42.50.

FEEDER PIGS 48...US 1-3 20-30 lbs feeder pigs 20.00-31.00, 60-75 lbs 47.00-55.00 --- all per head.

SHEEP 178 .Choice & Prime 65-85 lbs spring sl. lambs 75.00-89, small lot 97.00, 90-105 lbs. 70.00-75, lot 81.00; Good & Choice 40-85 lbs. feeder lambs 60.00-79.00 Slaughter ewes 10.00-22.00.

GOATS 40. .Large 30.00-46.00, Medium 19.00-30.00, Kids 8.00-20.00 --- all per head.

SPECIAL NOTICE
Vintage Sales Stables, Inc.
10 miles East of Lancaster, Rt. 30.
Send your hogs to us. We have a good demand for hogs. Every Saturday at 9 a.m.
L. Robert Frame, Manager
717-442-4181

NOTICE
KING'S HAY AUCTION
Will Be Moving ½ Mile North Of Present Location At Corner Of 472 and Noble Road at Rouse Tobacco Station
First Sale On New Location
July 14th, 1987
Lunch Available

York County Livestock Sales Ltd.
P.O. BOX 243 • FAWN GROVE, PA 17321
(717) 993-2564
York County's Only Livestock Auction
On PA Route #24 between Stewartstown and New Park
All Kinds of Livestock Sold on Commission
GWALTNEY OF SMITHFIELD
Open Every Monday - Hogs - 6:00 a.m. - 12 noon
Auction - 7:00 p.m. - ?
Buyers - Livestock Producers - Farmers
We Need & Appreciate Your Patronage
Martin Heaps, Mgr.
717-382-4725
Stan & Mary Nagle - Owners
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ATTENTION FARMERS
EVERY MONDAY
HATFIELD PACKING CO. and
MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA
• We will receive your hogs from 8 AM to 12 Noon every Monday Your hogs will be weighed and paid for immediately
• We will also accept your sows & boars
• Your cattle will be received from 12:30 to 5 P M We will either pay you for your cattle immediately or you may sell them dressed weight
• There will not be a commission or yardage fee deducted from your check
• You may call our office Monday morning and we will be able to tell you the base price for hogs for the day
MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

FRIDAY, JULY 31 - 7:30 P.M.
ON THE FARM MONTHLY
BRED GILT SALE
Sale To Start Promptly Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.
50 to 60 Head
WHITE DIAMOND GILTS
Here Now a new cross again. Large White & Landrace, first generation true F-1 gilts. Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.
Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteurella
Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., AUG. 28 - 7:30 P.M.

Livestock market and auction news

VIRGINIA MARKETS

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, June 27, 1987
Report supplied by auction

FEEDER CATTLE TREND: Steady. STEERS: M&L-1 300-500 lbs. 74.00-79.00, few 80.00-85.00; 500-700 lbs. 72.00-79.00; Holstein 300-1000 lbs. 59.50-64.50; S-L&M&L-2 300-500 lbs. 71.00-73.00; 500-700 lbs. 67.00-70.50.

FEEDER BULLS: M&L-1 300-500 lbs. 69.00-76.00.

HEIFERS: M&L-1 300-500 lbs. 67.00-70.50; 500-700 lbs. 65.00-68.00. S-L&M&L-2 300-500 lbs. 62.00-69.00; 500-700 lbs. 59.50-62.00.

STOCK COWS: Beef: 540.00-655.00; Dairy: 460.00-515.00; Baby Calves: Small 43.00-75.00; Large 80.00-105.00.

SLAUGHTER COWS TREND: Mostly steady to 1.50 lower. Utility & Commercial 2-4 41.00-47.50; Canner & Cutters 1-3 38.00-41.50; Slaughter Bulls 1&2 49.75-59.75.

SLAUGHTER BULLS: 1&2 49.75-59.75.

LAMBS: Trend 7.65 lower. Blue O High Choice & Prime 71.35; Red O Choice 62.50; Feeder Lambs Choice 64.00-75.00; Slaughter Ewes 18.50-25.50; Head ewes 40.00-78.00.

HOGS: US 1-3 200-240 lbs. 60.25; Boars 38.25.

VEALS: Choice & Prime 85.00; Good 76.00-78.00.

SLAUGHTER CALVES: Good & Choice 65.00-69.00.

Four States Livestock

Hagerstown, Md.
Wednesday, July 1
Report supplied by Auction

SLAUGHTER Fed Steers Few offered, $2 lower Medium to Good 62 00 64 50 Cows $1-$2 lower, High Yield 47 00-48 75, Average 42 00-46 00, Big Middle 38.00-41.00; Fatty Herf 39 00-44 00, Shelly 40 00 down. Fat Bulls $2 lower, Medium to Good 50 00-53 25 Veal Calves: steady, Farm Calves $8-$15 higher; Choice 81.00-84 00; Good 75 00-80 00; Medium 70 00-74 00, Farm Hfrs 90.00-109 00; Farm Bulls 110 00-129 00; Light Calves 75 00-82 00, Weak Calves 74 00 down Lambs few offered, Good 65 00-68 00

STOCKER Most steady Steers 300-500 lbs Good 68 00-74 50, Medium 60 00-69 00, Culls 59 00 down Steers 600-850 lbs Choice 68 00-72 00, Good 64 00-67 00, Medium 59 00-63 00 Heifers (all weights). Good 61 00-66 50, Medium 55 00-60 00. Open Dairy Heifers 57 00-71 00 Pigs, hd 20-30 lbs 28 00-35 00; 30-50 lbs 36 00-45 00 Shoats by lb. 150-195 lbs 55 00-55 50, Light Boars 170-200 lbs 44 00-45 50 Slaughter Hogs: $2 lower 220-250 lbs 57.75-59 00; 290-360 lbs 44 00-49 25 Sows: 500-685 lbs 42 00-45 75, Thin 38 00-41 00 Boars Heavy 40.75-41 00 Bulls Medium to Good 50 00-55 50

Prices were lower on all classes of slaughter animals this week due to weaker demand from slaughterers because of upcoming holiday

Feeder pigs, stock cattle and back-to-farm calves all sold very well

We are planning dairy cattle sale, last of July. If you have cattle for this sale let us know.

Greencastle Livestock

Greencastle, Pa.
Monday, June 29, 1987

CATTLE 589. SLAUGHTER STEERS Choice & Prime 68 00-71 50, few to 73 85, Good & Choice 62 00-69 00; Good & Choice — Holstein 55 50-60 75, few to 64 00, Standard & Good — Holstein 51 50-55.75

SLAUGHTER HEIFERS. Choice 65 00-70 00, few to 72 00, Good & Choice 59 00-65.75; Standard & Good 54 50-59.50.

COWS: Utility & Commercial 45 50-49 00, few to 50 50, Cutter & Boning Utility 42.00-47 75, Canner & Low Cutter 42 50 & down.

BULLS — ALL WEIGHTS Yield Grade 1 55.50-61 00, few to 62 60, Yield Grade 2 49.00-56.00.

STOCKER CATTLE — ALL WEIGHTS. Steers — Medium & Good 66 00-84.00; Heifers — Medium & Good 56 00-68 50; Bulls — Medium & Good 59 00-69.00; Steers — Holstein 56 00-63.00.

CALVES 562. Good & Choice — 125 to 250 pounds 90 00-104 00; Medium & Good — 125 to 250 pounds 79 00-92 00, Medium & Good — 80 to 120 pounds 75 00-99.00; Light & Cull — all weights 79.00 & down; Holstein Bulls — return to farm up to 132 00; Holstein Heifers — return to farm up to 110 00

LAMBS, SHEEP & GOATS 127 Choice Lambs few to 73.50, Medium & Good Lambs 65.00-71.00; Light & Cull Lambs 62.00-70.00; Sheep, Ewes & Bucks 20.00-28.75, Goats — all sizes (by head) 12 00-52 00.

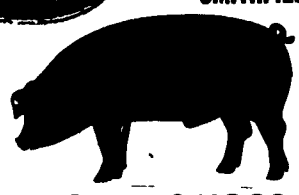
HOGS 126. No 1-3 Butcher Hogs — 190-225 pounds None, No. 1-3 Butcher Hogs — 225-250 pounds 60 00-61 00, No. 1-3 Butcher Hogs — 250-300 pounds 56 50-60 00, Good Butcher Sows — 400 pounds down 43 00-46 75; Good Butcher Sows — 400 pounds up 42 00-47 00, Heavy Boars — over 300 pounds 41 00-42 75, Light 45 00-49 00, Pigs--all sizes (by head) 23 00-47 00

Sale every Monday afternoon at 3:30 p.m. & Thurs. at 1:00 p.m.; Hay & straw sale every Monday & Thurs. at 11:30 a.m.

GIGANTIC SELECTION
In Lancaster Farming's CLASSIFIEDS

Gwaltney

GWALTNEY of SMITHFIELD, LTD.



RECEIVING HOGS:
LANCASTER COUNTY FARMERS

MONDAYS: McCoy's Branch Office, Bareville
WEDNESDAYS: (Next to Bawells Butcher Shop)
& FRIDAYS: on Butler Rd. 717-656-9668
TUESDAYS: B & R Cattle
THURSDAYS: Marietta
717-426-3258

YORK COUNTY FARMERS
MONDAYS: Stewartstown
717-993-2564
TUESDAYS: Thomasville
717-792-2248 or 9836
Contact for information:
Ed Herrmann, 717-284-3203
or Charlie Kauffman, 215-593-5674
Future forward contracts available

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At The
BLAIR-BEDFORD BUYING STATION
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MONDAYS - Hogs 8 AM to 11:30 AM
Cattle & Calves 8 AM to 3 PM
THURSDAYS - Cattle & Calves 8 AM to 3 PM
- No commission or yardage fees deducted from check
- Livestock weighed and paid for immediately
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RCMA
FARMERS HELPING FARMERS...
1 Week To Sign Up
- Increase income through over-order pricing
- No Dues
- No Assessments
- No Change in Handler
- Act Now - July 10 Deadline

For more information call
State Coordinator Harold Ely 717-278-1259
or Ed Anna, executive director at 716-344-1463
Regional Cooperative Marketing Agency
26 Harvester Ave., Batavia, N.Y. 14020

Lancaster Farming

OPINION

Born In America

Today we celebrate Independence Day. Each year at this time we are reminded of the freedoms that have come to us from our forefathers. These pioneers had the vision of a new country ruled by the people, for the people. And the vision was strong enough to cause these early settlers to endure hardships mostly unknown to their present descendants.

In addition, they forged the Declaration of Independence from foreign rule and religious oppression. "We hold these truths to be self evident. That all men are created equal. That they are endowed by their Creator with certain unalienble rights that among these are life, liberty and the pursuit of happiness."

This eloquently-written document has established a nation where citizens have the greatest freedoms in the world. We often complain about taxes and government and a host of other absurdities that come from our state capitals and Washington. But who would want to farm in some other country where the government owns the land, and your major pieces of farm equipment is a machete and a hoe?

Yes, we are truly blessed to live in America. To farm in America. Even with all our problems. So along with the fireworks and the parades this weekend, let's also include a prayer of Thanksgiving that we were "Born in America."

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Be Aware of Feeding New Grain

The barley harvest is nearly completed and soon farmers may be considering using this new grain in their feeding program. Feeding new grains to livestock is possible, under very careful management. If fed in too large amounts, digestive disorders such as bloating and scouring may occur. We suggest that the grain be allowed to go through a two-week curing period before being fed. Then it should be included into the grain ration at a slow rate — 10 to 20 percent.

Barley is a popular livestock feed and is a good substitute for corn. In a week or two wheat will be ready and may also be fed with care. Again, it should be allowed several weeks to cure before feeding. Wheat is not used as much for feeding purposes because of the digestive problems. Smaller amounts in the ration, compared to barley, is suggested. Barley and wheat can be used as livestock feeds, but need special care when mixing in livestock rations.

To Control Canada Thistle

Canada thistles are listed as a noxious weed in Pennsylvania; this means they should be controlled and not allowed to go to seed. Too often we see what some people call "summer snowflakes" floating through the air; these are not snowflakes but thistle seeds. We should insist that these be mowed or sprayed to prevent seed formation.

Most townships have noxious weed ordinances to prevent the spread of Canada thistles and other noxious weeds. These ordinances should be enforced for the best interest of all farmers. You can spot spray with Banvel for control. Be sure to follow all label instructions. We urge everyone to do something about this problem.

To Control Erosion

We have been blessed with timely rains over the last several weeks but, some of these rains have been very heavy and created considerable run-off. It emphasizes the need for terraces, contours and strips to control these large amounts of water.

The use of diversion ditches and sodded waterways above the area to be protected should be considered. When surface water is not controlled around the premises we also have the added danger of surface water entering our well water supplies; this may contaminate it and make it unfit for human consumption. We need to be concerned with controlling these large amounts of water on the land and around farm buildings.

Another important item — if flooding occurs, use your camera to take pictures of the damage so you can identify the extent of the damage if a claim is submitted.

To Review Insurance Coverage

For the past several decades the value of farm buildings and personal property has been on the increase. In order to cope with this situation we have frequently suggested that property owners adjust their insurance coverage so that replacement cost will be covered, rather than original cost. The same situation holds true with personal property as well as buildings. We are aware that some losses in the past have not been sufficiently covered with insurance and the farmer was the loser.

Unless the insurance program has been adjusted in the past few years, we suggest that your insurance agent be contacted for guidance.

Farm Calendar

Saturday, July 4

Cumberland Valley Jersey Breeders Sale, Shippensburg Fairgrounds, 12:30 p.m.

Seventh Annual Hickory Ridge Antique Farm Show, 9 a.m. to ?, Horace Potter Residence, County Road 124, Route 113 (1 mile north of Milford, Del.) For more information call 302-422-9308 or 302-422-6153.

Monday, July 6

Northeast American Dairy Science Association/American Society of Animal Science regional meeting, University of Delaware; continues through July 8.

Junior Judging School, Chester County; continues through July 7.

Summer Camp, PFU, Camp Kenestake, Spruce Creek; call 717-234-4311.

Wednesday, July 8

Pa. Lamb and Wool Festival, Ag Arena, Penn State; continues through July 10.

Regional 4-H Horse Bowl, 9 a.m., Berks County Ag Center.

Rodale Farm Field Day, Lloyd Lefever Farm and Jim Nissley Farm; for information call 215-683-6383.

Junior Dairy Judging School, Tioga County; continues through July 9.

Summer Meeting, Pa. Rural Electric Association, Indiana; continues through July 10.

Friday, July 10

Pa. Lamb and Wool Festival, State College; continues tomorrow.

Junior Dairy Judging School, Somerset County; continues through July 11.

Keystone Ram and Ewe Show and Sale, Ag Arena, Penn State University; continues tomorrow.

Saturday, July 11

Berks County Cattlemen's Field Day, Devereaux-Solid, New Bolton Center, Genetics Unlimited.

Pa. Ayrshire Association Field Day, Harold Kulp, Pottstown.

Annual Picnic, Pa. Nut Growers Association, Raymond Curanzy Farm, Annville.

Pa. Milking Shorthorn Society Field Day, Three Springs Farm, Newville.

Sunday, July 12

Youth Institute, Pa. Association of Farmer Cooperatives, Juniata College; continues through July 15.

Monday, July 13

Weed Tour, Landisville Research Farm.

Tuesday, July 14

PDCA Judging School, Franklin County.

Wednesday, July 15

Jefferson County Holstein Show, Reynoldsville.

Thursday, July 16

Show and Sale, Pa. Yorkshire Cooperative Association, Lebanon Fairgrounds; continues through July 17.

Tree Fruit Field Day, Penn State Fruit Research Lab, Biglerville, 9 a.m. to 3:30 p.m.

Friday, July 17

Pa. Young Farmers Conference and Tours, Middleburg, Snyder County.

Pa. Angus Breeders Show; continues through July 18.

Saturday, July 18

Two-day trail ride on horseback in Blue Mountains 12-miles north of Hamburg. For more information call Gene or Beverly at 717-366-1131.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

MUCH MORE

July 5, 1987

Background Scripture: Romans 5:1-11.
Devotional Reading: John 15:12-17.

I've read this passage many times, but not until this moment have I been struck with the enormity of what it requires of me. In fact, there are two things here that seem to be much more than I can handle.

Paul starts out well enough — assuring me of "peace with God," "access to this grace," and the "hope of sharing in the glory of God." To all of that I can say a hearty "Amen." But Paul doesn't stop there; he goes on to say: "More than that, we rejoice in our sufferings..."

REJOICE? BE GLAD?

There have been many times when I have been able to see some blessing in my suffering, when I have learned some valuable lesson, or won some spiritual victory. With Paul I have experienced that "suffering produces endurance, and endurance produces character, and character produces hope..." Furthermore, I know that in times of suffering, I too have known "God's love poured into" my heart "through the Holy Spirit." Nevertheless, I cannot truthfully say that in these times I have been "glad" or "taken delight," as my dictionary defines "rejoice." Of course, neither have I ever "rejoiced" or "taken delight" when starting my daily exercise or dieting, no matter how good I know both of these are for my physical wellbeing.

The reason, of course, is that I, like many of us, always judge an experience on the basis of the short-term, rather than long-run results. If there is pain, fear or anxiety, I judge the experience to be "bad," even if ultimately it turns out to be a blessing. Obviously, what I need to learn is to judge the experience in terms of its long-range results. Life is more than the present moment.

The second stumblingblock in this passage is even more threatening to me because of the enormity of its challenge. Paul tells us: "Why, one will hardly die for a righteous man ...But God shows his love for us in that while we were yet sinners Christ died for us." At first, I'm happy to note the wondrous dimensions of God's love and grace. How wonderful to know that "while we were enemies we were reconciled to God by the death of his Son."

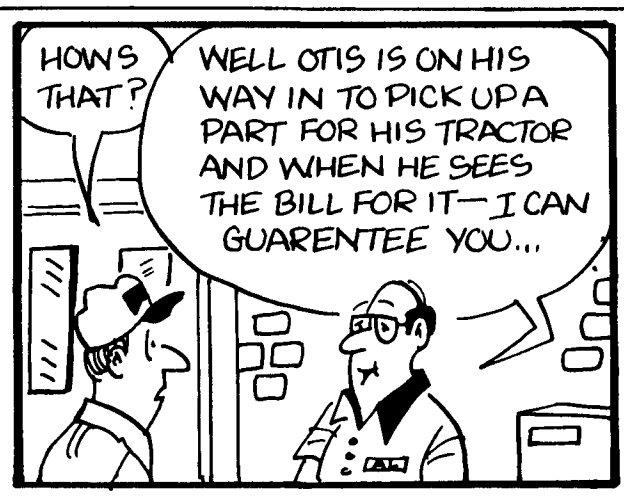
ENEMIES & SINNERS

Yet, while I'm basking in the light of this revelation, it suddenly occurs to me that what God demonstrated through Christ, he expects also of us. We too are called to love others while they are "yet sinners" and be reconciled with God's "enemies." I might find it in me to forgive a neighbor who tells me he's sorry, but how can I forgive someone else before they have repented of their sins, before they have stopped being the "enemy"?

No I don't have it "in me" to do that, but that is never the source of it. The source is no less than Christ himself: "much more, now that we are reconciled, shall we be saved by his life." If we let the resurrected Christ live within us, the power to both rejoice in suffering and be reconciled to our enemies can be ours. It is "his life" in us alone that enables us to contemplate and experience Christ's "much more"!

(Based on copyrighted Outlines produced by the Committee of the Uniform Series and used by permission Released by Community & Suburban Press)

AL, IS THE CITY GOING TO HAVE FIREWORKS THIS 'FOURTH OF JULY'?
I DON'T KNOW ABOUT THAT, BUT I DO KNOW THAT WE'RE GOING TO BE HAVING THEM IN ABOUT FIVE MINUTES
AL'S IMPLEMENT SHOP



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Chevron

ORTHO
Chevron Chemical Company

Philadelphia Vegetables

Wednesday, July 1, 1987

ASPARAGUS ABOUT STEADY WA 30-lb crate WAExtra Fancy large 42.00-45.00 standard 40 00 CA 30-lb carton large 42 00-45 00 MEXICO 13.5 lb carton jumbo 20 00 large 18 00 standard few 18 00 12-lb carton bunched 12s extra-large & large 20 00*.

BEANS LOWER various bushel containers Round Green type unless otherwise stated NJ 600-700 MD 700 DE 400-500*.

BEETS NJ crate bunched 12s 500-600 topped bushel basket 800 OH carton bunched 12s 5-550*.

BROCCOLI ABOUT STEADY carton bunched CA 14s 950-10 50 18s 10.00-11.00 mostly 10 50-11 00 MI 18s 500-600*.

CABBAGE SLIGHTLY HIGHER 1-3/4 bushel carton & crate medium Green unless otherwise stated NJ 500-600 mostly 500 small 400-500 Savoy 500-600 Red 800-10 00 mostly 800-900 small 700 NC few 500*.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA medium-large 850-950 mostly 900 FL medium 8-850 50-lb sacks loose jumbo CA 15 00- 16.00 carton bunched 24s CA 10 50-11 00*

CAULIFLOWER SUPPLIES LIGHT CA carton film wrapped 12s 13 00-14 00 mos 14 00*

CELERY ABOUT STEADY crates & cartons CA 2 dozen 11.00-13 00 2-1/2 dozen 12 00-13 00 3 dozen few 13 00 FL 2 dozen 900-11.00 2-1/2 dozen 900-11 00 3 dozen 10 00-11.00 MI carton Hearts film wrapped 24s 14 00*.

CHINESE CABBAGE NJ celery crate 700 Nappa 800 OH celery crate 600 CA 50-lb carton Nappa 12 00-13 00 30-lb carton Bok Choy 600*.

CORN ABOUT STEADY wirebound crates approximately 4-1/2 dozen Yellow FL 500-600 NJ 550-600 small 300-400 GA 500-700 NC 550-650 White FL 700-900 NJ small 450-600 GA 7-750 NC 650-700 MD small 500-600*.

CUCUMBERS ABOUT STEADY 1-1/9 bushel crates & carton waxed medium unless otherwise stated NC 600-700 fair quality 400-500 VA fair quality 400-500 mostly 400 NJ 600 fair quality 400-500*.

EGGPLANT SUPPLIES INSUFFICIENT TO QUOTE*.

ENDIVE ABOUT STEADY NJ 1-1/9 bushel crates & cartons 6-650 precooled 700-800 NY 1-1/9 bushel crates 400-500 mostly 500 OH 11-1/9 bushel cartons precooled 600-800 CA carton 24s 11.00*.

ESCAROLE ABOUT STEADY NJ 1-1/9 bushel crates & cartons 6-650 precooled 750-800 NY 1-1/9 bushel crates 400-500 mostly 500 OH 1-1/9 bushel cartons precooled 600-700 CA carton 24s 10.00*.

GREENS ABOUT STEADY crates approximately 1-1/2 bushel bunched unless otherwise stated NJ Collards, Turnip Tops, Mustard & Rape 500 Kale 550-600 PA Collards 5-550 Kale 600 Rape 500 OH Kale 550 CA carton 24s Red Kale 12 00-13 00*.

LEEKS NJ crate bunched 12s 700-900 CA carton bunched 12s 850*.

LETTUCE-ICEBERG HIGHER carton 24s unless otherwise stated CA 11 00-13 00 mostly 12 00 film wrapped 11 00-12 00 30s 900 10 00 mostly 10 00*

LETTUCE-ROMAINE ABOUT STEADY CA 24s cartons 950 11.00 mostly 10.00- 11 00 crate 12 00-13 00 OH carton 24s 500-600 NJ carton 24s 500-600 NY carton 24s 500-600*.

LETTUCE-OTHERS Big Boston carton 24s CA 12.00 OH 600-700 mostly 600 NJ crate 24s 500 Bibb OH basket 24s 400-500 mostly 500 Leaf carton 24s CA 15 00 Red 10 50-12 50 mostly 11.00 OH 700-800*

LETTUCE-PROCESSING No supplies*.

OKRA GA buhmprs small-medium few 20.00*.

ONIONS-GREEN ABOUT STEADY crate bunched 36s NJ 700 carton bunched 48s CA 10.00 OH 8-850*.

PARSLEY SUPPLIES LIGHT bunched 5 dozen curly unless otherwise stated OH crate 12 00-14.00 Plain 14 00*.

PEAS-GREEN NO SUPPLIES*.

PEAS-SOUTHERN SUPPLIES INSUFFICIENT TO QUOTE*.

PEAS-SUGAR ABOUT STEADY 10-lb carton per lb CA 240-250*.

PEPPERS ABOUT STEADY 1-1/9 bushel crates & carton California Wonder type Green unless otherwise stated GA Extra-large 900-10.

00 large 600-700 mostly 650-700 medium 450-500 small 350-400 NC large 800 medium 600 Cubanelle small-medium 400-500 NJ extra-large few 10 00-11 00 CA extra- large 11.00-12.00 large 800-900*.

RADISHES ABOUT STEADY OH carton Red 30-6 oz film bags 5-550 14-1 lb film bags 500 bunched 24s 600*.

SPINACH Savoy type NJ bushel basket & 1-1/4 bushel crates 800-10 00 PA 1-1/4 bushel crates 10 00 NY carton clipped 10.00 Flat type CA carton bunched 24s 10.00*

SQUASH ABOUT STEADY 1/2 & 5/9 bushel crates & cartons NJ Zucchini small-medium 250-400 mostly 3-350 medium 200-300 Yellow Straightneck small-medium 3-350 GA 1-1/9 bucins Spaghetti type & Butternut 12 00 Acorn 800*

SWEET POTATOES SUPPLIES INSUFFICIENT TO QUOTE*

TOMATOES LOWER 25-lb carton Pink to light Red USCombination grade or better unless otherwise stated Sales by Repackers FL 5x6s 14.00 6x6s 11.50 Sales by Others FL 5x6s 12.00-13.00 mostly 12 00 6x6s 10.50- 12.00 mostly 11.00 6x7s few 7.50-8.00 fair quality 5x6s 10.00-11 00 6x6s 900-10.00 SC 5x6s 12.00-13 00 6x6s 11 00 fair quality 5x6s 10.00-11 00 6x6s 900-10.00 GA fair quality 5x6s 900-10.00 one lot 600 6x6s one lot 600 NJ large 25.00-30.00 fair quality 20 00 medium fair quality 12 00 CA 5x6s 12 00-13 00 6x6s 10.00-11.00 Cherry type 12-1 pint flats FL 600-700 NJ 600-700 CA 800*.

TURNIPS NJ topped 25-lb mesh bag medium 400*.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.

Tuesday, June 30, 1987

CATTLE 139...PDA...Compared with last Tuesday's market. Slaughter cows mostly $2 lower. Choice sl. steer, individual 64 25, few Good & Choice holsteins 54.75-55, few Standard 54.00-56.25, Utility, individual 43.00. Few Choice sl heifers 58 75-65.25, few Good 51.25-58, few Good & Choice holsteins 46.75-54.75, few Standard 46.75-49.85, two Utility 43.75&45.75. Breaking Utility & Commercial sl. cows 47-48.60, few 50.85, Cutter & Boning Utility 43.00-47, few 48 25, Canner & Low Cutter 40-42.50, few down to 38 00, few Shells down to 35 00. Standard & Good sl bullocks 54.25-56 85 Yield Grade No 1, 1250-2005 lbs. sl. bulls 54 00-58 25, one 59 25, one No. 2 1810 lbs. 51 75. Feeder Cattle. Few Large Frame No 2, 435-820 lbs heifers 45.00-50 50.

CALVES 230...Choice vealers, two 91.00, few Good 85.00-91, Standard and Good 80-100 lbs. 74.00-83, 70-80 lbs. 68.00-75, Utility 60-90 lbs. 55 00-65 00. Farm Calves: Holstein Bulls 80-90 lbs. 80.00-94, 90-120 lbs. 94.00-122.00; few Holstein heifers 90-100 lbs. 83.00-100.00.

HOGS 229...Barrows and gilts $2 to $3 lower. US No. 1-2 210-230 lbs. 60.50-60 75, 1-3 210-245 lbs. 59.85-60.50, 2-3 210-260 lbs. 57.00-59.10, lot 2-4 200 lbs. 56.00, 1-3 205-210 lbs. 57.50-58.75. US No 1-3 290-500 lbs. sows 46 00-47.50, one 48.50, 490-655 lbs. 44.25-47.00. Few Boars 41.50-42.00, light weights 46.50-48.50.

FEEDER PIGS 0. .No Market Test

SHEEP 4...Choice, two 55 lbs. spring sl. lambs 64.00&67 00. Slaughter ewe, one 28 00.

GOATS 0....No Market Test.

St. Louis Cattle, Hogs

Wednesday, July 1, 1987

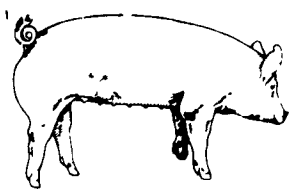
CATTLE AND CALVES: 100 (SLTR) INSUFFICIENT VOLUME SLAUGHTER STEERS AND HEIFERS TO ESTABLISH A MARKET SLAUGHTER SUPPLY CONSISTS OF COWS TRADING ACTIVE COWS 1 00 HIGHER.

SLAUGHTER CLASSES COWS CUTT, UTIL, COMM BULK HI DRESS % LO DRESS % BREAKING 2-4 42 00-45 00 BONING 1-2 45 00-46 00 46 00-47 00 CANN & CUTT 1-2 39 00-43 00 SHELLY CANNER 1-2 35 00 39 00 DS CB 42 00 45 00 CD 44 00-47 00 CG 42 00-46 00 CH 38 00-42 00

CLOSE HOGS· UNCHANGED B 60 00-60 00 C 60 00-60 00 G 59 50-60 00 H 59 75-60 00 J 59.75-60 00 O NONE P NONE VV 48 00-49 00 WW 45 00-47 00 XX 44 00-44 50 YY 44 00-44 50 ZZ 47 00-47 00

ROPE IN SOME EXTRA CASH!
Advertise With A Lancaster Farming CLASSIFIED AD
Phone 717 394 3047 or 717 626 1164

KING'S AUCTION
KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House
Lloyd H Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME
NOTICE
MOVING
Will be moving ½ mi. north of present location at Corner of 472 & Noble Rd. at Rouse Tobacco Station. First sale on new location July 14, 1987.
Lunch Available



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AT THE GREEN DRAGON MARKET
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1 MILE NORTH OF EPHRATA
ON NORTH STATE STREET.

HOURS: MONDAY, TUESDAY, and WEDNESDAY 7:00 A.M. to 11:30 A.M.
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YOU ARE PAID FOR YOUR HOGS IMMEDIATELY

Ken & Lois Emery, Proprietors

FIELD DAY FEATURES-
SOYBEAN INTERSEEDING

AT TWO ON-FARM RESEARCH DEMONSTRATION SITES

The Rodale Research Center, in conjunction with the Pennsylvania Chesapeake Bay Program efforts, will host a Farmer Field Day on Wednesday, July 8 at two Lancaster County farms.

WHAT: This field day will demonstrate new cost cutting techniques that farmers can apply on their own farms. Farmers interested in reducing costs, controlling erosion and reducing herbicides are invited to attend these demonstrations:
* interseeding soybeans into winter and spring barley...
* overseeding hairy vetch into spring barley
You will have a chance to ask questions on how interseeding may work on your farm.

WHEN: WEDNESDAY, JULY 8

WHERE:
Lloyd Lefever Farm
RD 2, Box 328
Chestnut Grove Road
Conestoga, PA 17516
10:00 a.m.

Jim Nissley Farm
127 Aberdeen Road
Elizabethtown, PA 17022
2:00 p.m.

FOR MORE INFORMATION AND DIRECTIONS TO THE FARMS CONTACT:
Ben Zimmer (717) 299-7557
Adel Weinberg (215) 683-6383

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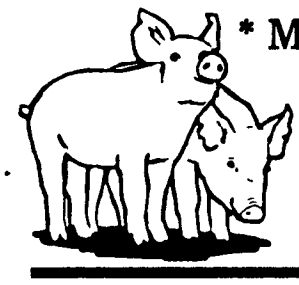

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★ Trademark Ralston Purina Company

Keister's Middleburg Livestock Auction

Middleburg, Pa.

Tuesday, June 30, 1987

CATTLE 419. REPORT IS SUPPLIED BY THE AUCTION ..Compared with last week's market· High Choice & Prime sl steers 71 00-72 85, Choice 68 00-71, Good 62 50-67 75, Standard 58-62 50; Choice holsteins 62 00-64 25, Good 56 75-61.75, Standard 53.00-56.50, Utility 50 00-53 00. Choice sl. heifers 66-67 85, Good 56 50-64.75, Standard 52 00-56, Utility 45 00-52.00 Breaking Utility & Commercial sl cows 45 75-49.85, one 54.00, Cutter & Boning Utility 43-48 50, Canner & Low Cutter 36 00-43, Shells down to 33.00 Choice sl. bullocks 62 50-65 35, Good 56 75-62 25. Yield Grade No 1, 1200-1945 lbs sl. bulls 55-59.60, No 2, 800-1200 lbs 50 50-54 75. Feeder Cattle. 350-875 steers lbs 62 00-85.00. Heifers 350-700 lbs 55 00-68.00. Bulls 350-750 lbs 53 00-72 50.

CALVES 216 Choice vealers 82 00-96, Standard and Good 90-120 lbs 85 00-92, 60-90 lbs. 70 00-85 00 Farm Calves Holstein Bulls 85-125 lbs 85 00-126 00

HOGS 439. .US No. 1, 220-235 lbs barrows and gilts 63 50-64 25, 1-2 210-240 lbs 61 00-63, 2-3 200-250 lbs 60 00-61, 2-4 190-270 lbs. 55.00-60.00 US No 1-3 270-650 lbs. sows 46 00-50.50, few to 55.00, 2-3 270-550 lbs. 42.00-46 00 Boars 40 00-41 00

FEEDER PIGS 458.. US No 1-3 20-40 lbs. feeder pigs 35 00-55 00, 40-60 lbs 55 00-70.00 --- all per head.

SHEEP 48 . High Choice & Prime 80-110 lbs. spring sl. lambs 65 00 72 50, Good 60-80 lbs. 60 00-70 00 Slaughter ewes 18.00-33 00.

GOATS 38...No Market Test

Eighty-Four Livestock Auction

Eighty-Four, Pa.

Monday, June 29, 1987

CATTLE 267. .PDA Compared with last week's market: Slaughter cows 50 to mostly $1 lower Choice sl steers 67 00-72, Good 58.50-66 50, Standard 54 00 59, few Utility 50 00-54 00. Choice sl heifers 64 50-70, few Good 56-62 50, Standard 51-56 50, Utility 46 50-51 50 Breaking Utility & Commercial sl cows 47 00-52, Cutter & Bon Utility 44 00-48, Canner & Low Cutter 38 50-44 50, Shells down to 31 00 Choice sl bullock, individual 63 50, one Standard 55 00 Yield Grade No 1, 1200-2150 lbs sl bulls 56 50-60 50, No 2, 900-1400 lbs 49 00-53 00 Feeder Cattle Medium & Large Frame No. 1, 250-325 lbs steers 70 00-98 00, few 107.00, Med. & Large #1, 350-600 lbs. 65 00-70.00. Medium & Large Frame No 1, 240-400 lbs heifers 60 00-80 00 Medium & Large Frame No 1, 325-600 lbs bulls 58 00-78 00

CALVES 246 ..Choice vealers 90 00-95, Good 69 00-81, Standard and Good 90-120 lbs. 68 00-78, 60-85 lbs. 62 00-79, Utility 50-90 lbs 40 00-60.00 Farm Calves· Holstein bulls 90-130 lbs 80 00-134.00; Holstein Heifers 90-115 lbs. 78.00-120 00

HOGS 88. . Barrows and gilts unevenly steady. US No. 1-2 240-255 lbs. 63 00-64 25, 1-3 215-250 lbs. 60.00-61.25, 2-3 210-235 lbs. 57.75-59.00. US No 1-3 300-550 lbs. sows 46 00-48 50, few 2-3 300-600 lbs. 43 00-46.00 Boars 40 00-43 25

FEEDER PIGS 7. Lot US No 1-3 17 lbs. feeder pigs 22 00 --- all per head

SHEEP 142...Spring sl lambs steady to strong High Choice & Prime 70-85 lbs 83 00-89, 100-115 lbs 70 00-75, Choice 80-100 lbs 74.00-78, lot 107 lbs 66 50, Good & Choice 50-75 lbs feeder lambs 75 00-84 00 Slaughter sheep 19 00-27 00

GOATS 18. .Large 30 00-50.00, Medium 20 00-28 00 --- all per head

Mercer Livestock Auction

Mercer, Pa.

Tuesday, June 30, 1987

CATTLE 309. PDA Compared with last Tuesday's market Slaughter Steers $1 to $1 50 lower, Cows $3 to $4 lower Choice sl steers 65 00-71, few high yielding 71 50, Good 59 00-65 25, Standard 52 50-59.50, few Utility 49 00-52 00 Choice sl. heifers 63 50-67 25, Good 57 00-64, Standard 51 00-57 50, few Utility 46 00-51 50. Breaking Utility & Commercial sl. cows 45.00-48, couple high yielding Commercial 51.25, Cutter & Boning Utility 41 00-46, Canner & Low Cutter 35 00-41, Shells down to 28 00 Yield Grade No 1, 1000-2100 lbs. sl bulls 52 00-56, No 2, 900-1200 lbs 48 00-52 50 Feeder Cattle Few Medium Frame No 1, 450-550 lbs steers 55 00-66 00, few Large #2, 850 lbs 52 00. Few Medium Frame #1, 450-700 lbs heifers 48 00-55 00. Few Large Frame No 2, 500-600 lbs. bulls 43 00-46 00

CALVES 124 Few Good vealers 70 00-75, Standard and Good 90-120 lbs 71 00-78, 60-85 lbs 68.00-73, few Utility 50-80 lbs 38 00 46 00. Farm Calves. Holstein Bulls 90-130 lbs 95 00-133 00; Holstein Heifers 90-115 lbs. 88 00-112 00

HOGS 287.. Barrows and gilts $3 to $3 50 lower US No. 1-2 220-255 lbs 58 50-60 10, 1-3 210-260 lbs. 57 75-58 75, few lots 2-3 240-270 lbs 55 00-57 00, few lots 2-4 250-315 lbs. 45.00-49 00.

FEEDER PIGS 2 ..No Market Test.

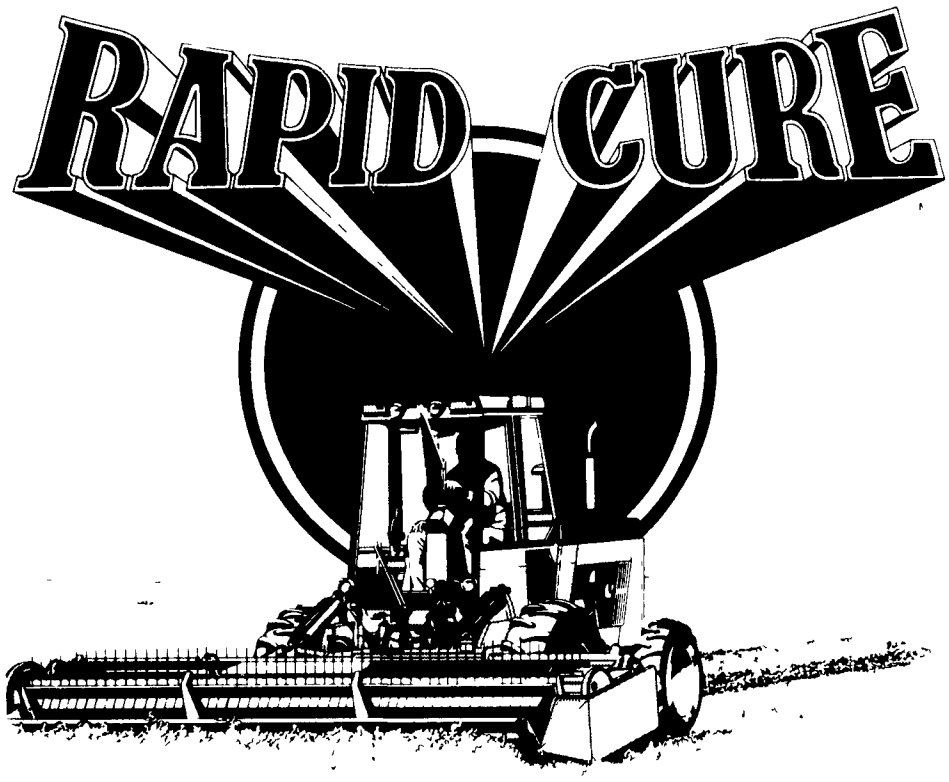
SHEEP 32 Choice 70-85 lbs spring sl lambs 80 00-83, few Good and Choice 60-70 lbs 76 00-81 00. Slaughter sheep 12.00-24 00

GOATS 8 Few Large 34 00-38 00, few Medium 18 00-27 00 --- all per head

GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

Was Your First Cutting Of Hay RAIN DAMAGED?

ABC GROFF, INC. WANTS TO HELP REDUCE YOUR CHANCES OF BEING CAUGHT AGAIN...



Chemical Hay Conditioner

When sprayed on alfalfa hay during cutting, the RAPID CURE mixture penetrates the waxy cutin layer on the stems, increasing the rate of water evaporation from the hay.

INTRODUCTORY OFFER $5.00 Per Acre

RAPID CURE:

1. Reduces chance of rain damage
2. Improves the quality of hay
3. Gets hay off faster and allows more days for new hay crop to grow.

RAPID CURE Doesn't Cost...It Pays!!!

Both university and farm tests have proven RAPID CURE Chemical Hay Conditioner pays for itself. RAPID CURE will cost about $5.50 per acre. Applied as directed, RAPID CURE will increase hay yield by 120 to 130 lbs. per acre. This increased yield pays the cost of RAPID CURE.

ABC GROFF, INC. has a quality line of RAPID CURE applicators in stock to fit your needs.

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110 S Railroad Ave.
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Mon.-Fri.: 7 AM - 5 PM
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Sales..... 717-354-4731

Solo® Mistblowers

Misting produces a better crop in any field. Saves time, money and water. It can also be used for foliate feeding.

Call Us Today For Your Spraying Needs
Most Models In Stock

Parts - Sales - Service

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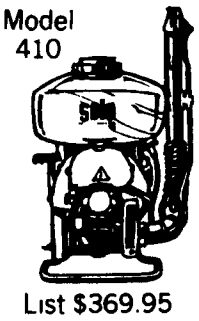
Model 410

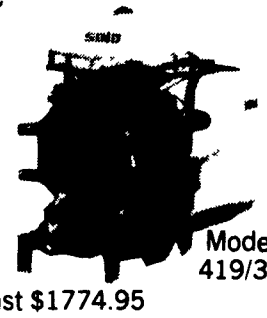


List $369.95

Our Price **$329.95**

Will Ship UPS

Master Card and Visa Accepted



Model 419/32

List $1774.95

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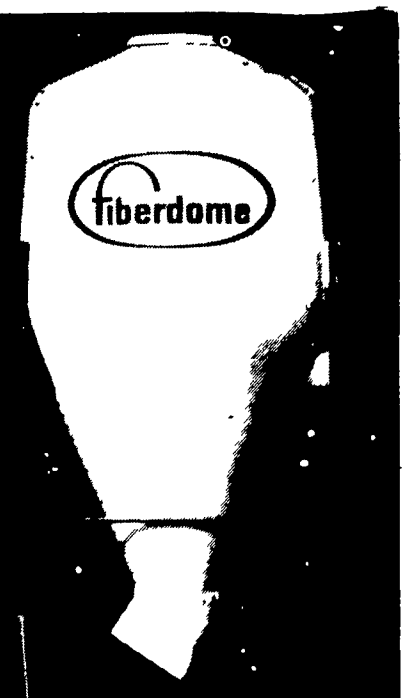
Enter the 21st Century—with a fiberglass bulk storage bin from Fiberdome®



- Eliminates bridging, won't rust or corrode
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Write for information and a FREE sample of fiberglass—the superior, modern material for superior storage bins!

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Central U.S. Carlot

Beef Report
Wednesday, July 1
Report supplied by USDA

Central U S. Carlot Beef Report (Includes The Major Production Areas In The Midwest, Texas And Oklahoma) As Of 3.00 P.M.

Compared to Tuesday's 3 00 p m report, choice 3 steer and heifer carcasses $2 00-3 00 lower, choice 4 $3 00-4 00 lower than last test Good unevenly steady, Holstein-type .50-1 00 lower Demand light, movement slow on moderate to heavy offerings

12 loads of steer carcasses and 5 loads of heifer carcasses traded to packer-processors

Sales reported on 47 loads of steer and heifer carcasses

Steer Carcasses:
(33 Loads Reported)
FOB Omaha Basis
Choice 3

600-900 lbs 3 lds range 103 00-104 00, latest estb. mkt 103 00-104 00

Choice 2

600-900 lbs unq

Choice 4

600-900 lbs 2 lds range 94 00-95 00, latest estb mkt 94 00-95 00

Good 1-3

600-900 lbs 16 lds range 92 00-93 00, latest estb mkt 92 00

Holstein Type
Choice 1-3

600-900 lbs 9 lds range 92 50 94 00, latest estb mkt 93 50

Good 1-3

600-900 lbs 3 lds range 85 00, latest estb mkt 85 00

Heifer Carcasses
(14 Loads Reported)
FOB Omaha Basis
Choice 3

550-800 lbs 4 lds. range 102 00, latest estb. mkt. 102.00
500-550 lbs. unq.
400-500 lbs unq.

Choice 2

550 800 lbs unq

Choice 4

500 800 lbs 3 lds range 94 00-95 00, latest estb mkt 94 00-95 00

Good 1-3

550-800 lbs 7 lds range 91 00-92 00, latest estb mkt 91 00
400 550 lbs latest estb mkt 84 00 D

Steer Carcasses
FOB Amarillo Basis
Good 1-3

600 900 lbs unq

Choice 4

600 900 lbs unq

Heifer Carcasses
FOB Amarillo
Good 1-3

550-800 lbs unq

Choice 4

500-800 lbs unq

Steer and Heifer
Primal Cuts
Choice 3
FOB Omaha Basis
Heifer Hinds

119-167 lbs. unq

Front Quarters

131-183 lbs unq

Cow and Bull Carcasses
(21 Loads Reported)

Midwest, Eastern Texas and Oklahoma Prices weak to 1 00 lower Demand light on light to moderate supplies

Sales in the Midwest Production Area

Util, Brkg 2-4 450/Up# 3 lds 70 00
Util, Bng 1 3 400/Up# 4 lds 74 00
Util, Bng 1-3 500/Up# 3 lds 76 00
Cutter Bng 1-2 350/Up# 83 00 B
Cutter Bng 1-2 400/Up# unq
Bull Bng 1-2 500/Up# 2 lds 87 00-88 00
Bull Bng 1-2 600/Up# unq

Sales in Eastern Texas and Oklahoma Production Areas

Util, Brkg 2-4 450/Up# unq
Util, Bng 1-3 400/Up# 4 lds 73 00 74 00
Util, Bng 1-3 500/Up# 2 lds 76 00
Cutter Bng 1-2 350/Up# 3 lds 83 00-83 50
Bull 1-2 600/Up# unq

Boneless Processing Beef
Beef Trimmings
(246 Lds. Reported)
FOB Omaha Basis

90% Chem Lean 19 lds fresh 107 00 108 50, late 107, 3 lds frozen 108 00
85% Chem Lean 3 lds fresh 100 00-101 00, frozen unq
75% Chem Lean 5 lds fresh 82 00-83 00, frozen unq
65% Chem Lean fresh unq
50% Chem Lean 119 lds fresh 53 00-57 00, M 54 55, 49 lds frozen 58 00-59 00, M 58 00
50% Chem Lean 11 lds fresh 55 00-57 00 boxed
Bnls Bull 92% unq

Eastern Texas/Oklahoma Production Areas--FOB Plant

90% Chem Lean 27 lds fresh 108 00-109 00, 8 lds frozen 109 00 110 00
85% Chem Lean 2 lds fresh 100 00-101 00, frozen unq
75% Chem Lean fresh unq, frozen unq

For the week Compared to last Friday, choice steer and heifer carcasses $2 00-4 00 lower Good unevenly steady, Holstein-type $1.50-2 00 lower Cow carcasses 2.00-4 00 lower.

ABCDE after market quotes represents days since last actual market test Quotes will be dropped after 5 days of no test or before if they no longer reflect current market conditions **

Make it Milk

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 148 Loader for a 2640 or 2840 Tractor $2,850
IH #656 Diesel, Hydro, Sharp
JD 2350 MF WD w/240 Self Leveling Loader, nice
JD 3020 Gas, Side Console $5,850
JD 2020 Gas Utility Hi-Lo $5,450
JD 4520 Power Shift, Cab $11,900
JD 4020 Narrow Front, Syncro $8,350
JD 4010 Narrow Front, Syncro $4,750
JD B w/Mower and Culti SOLD $1,150
JD 4020 w/JD R.G., Cab, sharp $9,250
JD 575 Skid Steer Diesel, almost new
JD 2840 ..... $10,750
JD 3020 w/Kelley Loader, (will separate) $8,900
JD 2840 w/cab, sharp $12,750
JD 3020 Diesel $7,450
IH 966 TA 3 pt. new TA, clutch and head gasket $6,950
JD 4430 QR, Sound Guard $15,500
JD 4430, QR, Fender Tractor $12,300
Farmall M w/power steering $1,500
JD 4020 Side C SOLD, WF, DR
JD 60 Skid Steer, new engine $4,500

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head $2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension.
NI 324 2 Row Wide 12 Row 327 bed $3,950
NI 818 combine with 13' flex head. Sharp
NI 2 row narrow, pull type picker $3,950
(1) #343 3 Row 30"
#244 Corn Head
#244 Corn Head
13' Grain Table
(2) #444 Corn Heads
15' Flex Head, Black Reel
NI 2 row narrow w/sheller, A1 ..... $3,950
653A 6 Row Bean and Sunflower Head
NI 321 1 Row Corn Picker $2,750
JD 443 Corn Head
JD 213 Flex-Head
JD 4400 Rotary Screen Diesel
4400 Combine Chopper
6600 Combine Chopper

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D
IH #10 15 Hole Drill, Sharp $1,475
JD 20x7 Model B Plain Drill, Double Disk $1,850
JD 1440 4 Row No-Till Planter, nice $2,450
JD 7000 6 row 30" Planter
JD 1300 6 Row Planter, sharp. $3,450

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD #1010 12½' Pull Type Field Cultivator $2,250
JD #940 12½' S-Tine Pull Type Field Cultivator $1,875

Coming in...

JD #2600 5B auto reset, variable width, plow
Brillion 14' packer w/transport
JD 24T baler w/ejector
JD 3 row Row Crop for 3960 Harvester
4010 w/wide front
IH 404 Tractor, power shift, 3 pt
JD 216 Forage Wagon w/Roof

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester $2,450
NH P.U. Attachment $575
JD 15 Chopper $450
Gehl #72 Flail Chopper, sharp $2,450
JD 24T Baler w/#2 ejector $1,950
JD #39 3 pt. Mower $575
NH 469 Haybine $2,150
NH 479 Haybine $2,750
NH 272 Baler w/58 thrower, nice $3,850
JD 336 Baler/less ejector $2,650
NI 702 Uni w/Harvester and 3 Row PU Harvester Adapter Plate for #234 Corn Head $300
1217 Moco 7' Stu SOLD rds (almost new)

TILLAGE:

JD 1450 5x16 Plow $1,950
JD F845 Roll Over Plow (New) $2,850
Brillion 9' Packer $425
Brillion 16' Packer w/Bridge Hitch $1,850
JD 2500 5-18" Auto Reset Plow $3,250
JD 1450 5-18" Plow, Sharp $1,950
JD RM 4 Row Cultivator $975
JD F125 4-16" Plow $950
JD F125 3-16" Plow $575
JD 1450 4-16" Semi-Mount Plow $1,400
Brillion 14' Packer w/Transport Model TP $2,150
JD 16' Wing Fold Field Cultivator $1,450
White 12' Field Cultivator, A1 ..... $1,450
JD BWF 18' Wing Fold Rock Flex $2,650
Brillion 16' Packer w/Transport, small wheels
JD 2350 18" On-Land Plow, like new ... $2,450
Oliver 6-16" Cushion Trip Plow $550
Brillion 16' Packer w/Transport $1,950
JD BW 10' Disc $850
IH 12' Transport Disc $950
JD F350 5-16" Hyd. Reset Plow $2,350
JD 10' AW Disc, sharp $1,075
White #252 Wing Fold Disc 18'
JD 2500 6-18" Plow
JD RM 4 row Cultivator $1,050

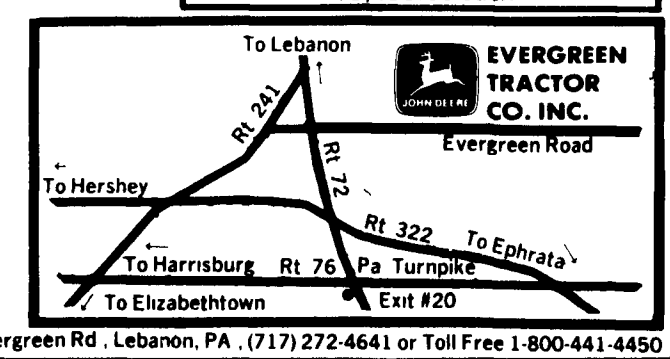
GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer
MUST MOVE. CALL FOR PRICE....
(Dealer Inquiries Welcome)

MISCELLANEOUS:

18.4x38 Direct Axle Dual Wheels
14.9x38 Direct Axle Dual Wheels
14.9x26 T-rail duals
JD 18 4x38 Direct Axle Duals $1,250
JD 6000 Hi Cycle Self Propelled Sprayer
JD 863 10' Front Dozer Blade for 30 & 40 Series, articulate 4 wheel drive tractors $2,650
Hudson 14' Tandem Axle Trailer $1,250
NH 676 Tandem Axle Spreader $2,200
Donahue 28' square frame implement trailer, sharp $2,150
McCurdy Gravity Bin on Gear $1,450
Dunha SOLD ler
JD #37 Loader for 3020 or 4020 ..... $950

SPECIAL
NEW 16' 3 BEATER
ARTSWAY FORAGE WAGONS
$3,450.00 each



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Its lush green color and attractive narrow, tapering leaves make Finelawn 1 Turf-Type Tall Fescue® the new standard of excellence. Plus, Finelawn 1 resists heat, drought, heavy traffic, and grows in full sun or shade. For a healthy lawn that looks great, ask for Finelawn 1 Turf-Type Tall Fescue®. Highly rated in U.S.D.A. tests.

Buy now at your Finelawn 1 dealer

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P.O Box 366 / Camp Hill, PA 17011 / 717-737-4529

Central U.S. Carlot

Pork Report
Wednesday, July 1
Report supplied by USDA

Central U S. Carlot Fork Report FOB Omaha Basis Includes Major Production Areas In Midwest As Of 3.00 P.M.

Compared to Tuesday's 3:00 PM: Fresh pork loins 14-18#, unevenly steady; Boston butts 4-8 lbs 5.00-7 00 lower, skd hams 17-26 lbs. unevenly steady; sdls bellies unevenly steady with Monday; trade slow, demand uneven, pre-holiday demand very limited, offerings uneven with immediate shipment moderate and post-holiday limited.

US No. 2 175 lb hog carcass declined 26 to 74.91 per cwt.

Loads Pork Cuts 31.50.

Loads Trim/Process Pork 12 50.

Pork Cuts
FOB Omaha Basis
Loins, Regular, Fresh

14-18 lbs 4 lds 110 00-118 00
18-22 lbs. 2 lds. 110 00-112 00
22/Up 1 ld. 88 50

Tenderloins

2/Bag 315 00 A

Picnics

4-8 lbs 5 ld 60 00

Boston Butts

4-8 lbs. 1 ld. 101 00-102 00.
8/Up lbs 95.00 E

Spareribs, Fresh

1.5-3 5 lbs 1 ld. 153 00-154 00
3.5-5.5 lbs. .5 ld. 141.00.
5 5/Up lbs 1 ld. 92 00.

Loin Backribs

1 5/Dn lbs. 330.00 A
1.75-2 25 lbs. 290 00 A.

Hams, Skinned
Fresh

14-17 lbs 72 00 A.
17-20 lbs 3 lds. 72 00-75.00
20-26 lbs 2 5 lds. 72 00-75 00
26-32 lbs. 5 ld. 72 00
32/Up lbs 2 5 lds 68 00-69 00

Bellies, Sdls,
Skin On, Fresh

10-12 lbs .5 ld 73 00
12-14 lbs 2 lds. 77 00-78 00
14-16 lbs. 2 lds 76 00-78 00
16-18 lbs. 1 ld. 76.00-77.00.
18-20 lbs 5 ld 74 00.
20 25 lbs 6 lds 62 00-63 00

Bellies, Sdls,
Skin On, Frozen

12-14 lbs 74 50 A
14-16 lbs. 74.50 A.
16-18 lbs. 74.50 A.

Pork Trimmings/
Boneless Processing Pork
(Chemical Lean)

Combo 42% Fresh 52 00 A
Boxed Frozen 48.00 C.
Combo 72% Fresh 2 lds. 88 00 89 00
Boxed Frozen 6 lds 86 00

Boneless Picnics

Combo 72% Fresh 4 5 lds 84 00-89 00

Skinned Jowls

Combo Fresh 49 00 D
Boxed Frozen 45 00 E

Cured and Processed
Meats

Hams, Smoked, Skinned,
Water Added

16-19 lbs 82 00-91 00
19-23 lbs 80 00-91.00.

Picnics, Smoked,
Water Added

4-7 lbs 66 00-83 00

Bacon, Sliced,
Vac. Pack

1# Pkg. 142 00-206 00

ABCDE After Market Quotes Represent Days Since Last Actual Market Test Quotes Are Dropped After 5 Days Of No Test Or Before If They No Longer Reflect Current Market Conditions

SPECIAL NOTE This report will not be issued Friday 7Ø3Ø87, due to holiday

New Holland Sales Stables

New Holland Dairy
Wednesday, July 1, 1987
Report supplied by auction

Reported receipts of 123 cows, 200 heifers, and 3 bulls. Market stronger.

Load of Canad fresh cows, 1000.00-1500.00, springers 900.00-1275.00.

Load of Pa. fresh cows, 710.00-1160.00.

Load of Perry Co. fresh cows, 625.00-1350.00.

Load of PA fresh cows, 700.00-1425.00.

Load of PA cows, springers 910.00-1000.00.

Load of Canada fresh cows 600.00-1050.00, springers 825.00-1475.00.

Herd of 47 head all stages cows 450.00-1100.00.

Locally consigned cows 435.00-1250.00.

Local Springing heifers 650.00-990.00.

Open heifers 350.00-580.00.

Bulls 485.00-620.00.

Purebreds 700.00-1270.00.

Oklahoma Cattle

Wednesday, July 1
Report supplied by USDA

WEEKLY CATTLE SUMMARY

Feeder steers and heifers under 400# steady to 2 00 higher Feeder demand good, trade active Slaughter cows steady to 50 cents lower Cow demand good, however some caution noted from packers as dressed cow beef has dropped sharply An estimated one-third of total cow numbers headed back to the country, this action creating competition between slaughter and replacement segments of the industry. Slaughter bulls sold steady to fair demand. Receipts this week 12,600 head; last week 12,336, last year 25,835 Yearling feeders made up 81% of run, feeder calves 11%; cows & bulls 8% Following quotes are bulk sales for the week

FEEDER STEERS Medium and large frame 1 200-300# 105 00-118 00, 300-400# 94.50-101 00, 400-500# 83 00-91 00, 500-600# 78.00-84 90, sales to 87 30, 600-650# 77 50-83 00, 650-700# 76 70-80 10; 700-750# 74 60-77 80, 750-800# 72 90-76 30, 800-900# 69 50-72 90; 900-950# 67 60-69 30

FEEDER HEIFERS Medium and large frame 1 200-270# 95 00-100 00, 300-400# 78 00-87 00, 400-500# 79 00-81 50, 500-600# 72 00-76 00, 600-700# 70 25-73 00, 700-750# 69 50-71 25

SLAUGHTER COWS Breaking utility and commercial 3-4 42 80-45 60, boning utility 1-2 43 00-47 60, cutter 1-2 42 00-46 00, canner and low-dressing cutter 38 00-41 75

SLAUGHTER BULLS Y G 1 1050-1500# 49 75-55 00, 1500-2000# 54 00-60 00

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, June 29, 1987
Report supplied by Auction

Registered receipts of 355 head of horses, mules and ponies

Market Killers lower, Riding Horses steady

Local

Better Horses 650 00-810 00
Driving Horses. 350 00-1300 00
Riding Horses 225 00-550 00
Lightweight Killers 182 75
Heavyweight Killers· 325 00-425 00
Mare Ponies 35 00-70 00
Colts 10 00-25 00
Gelding Ponies 35 00-70 00
Larger Ponies· 100 00-250 00

Buffalo Produce Auction

(530-1700)
Mifflinburg R3
June 30, 1987
Report Supplied by Auction
All prices listed are Grade 1

Broccoli 40 hd 14 ct
Cantalopes 70-1 00 pc
Cauliflower 60 9 ct
Cherries (white) 12 00 flat, (sour) 6 50-8 00 flat
Cucumbers 4 75-5 50 ½ bu
Honey Dew Melon 40- 65 ea
Lettuce few 1 50-2 00 bu leaf, few bibb 40 12 ct
Onions few 15 bunch 30 ct
Peaches few 7 00 ½ bu
Peas 4 25-7 75 ½ bu
Potatoes 11 00 50 lb bag
Raspberries 9 50-10 50 flat
Red Beets .15- 20 bunch, 20 ct
String Beans 4 00-6 75 ½ bu
Tomatoes 11 00-13 00 25 lb box
Watermelon Crimson Sweet 3 00 ea, Sugar Babies 65-1 35 ea
Zucchini. 2 00-3 25 sm & med ½ bu

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1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

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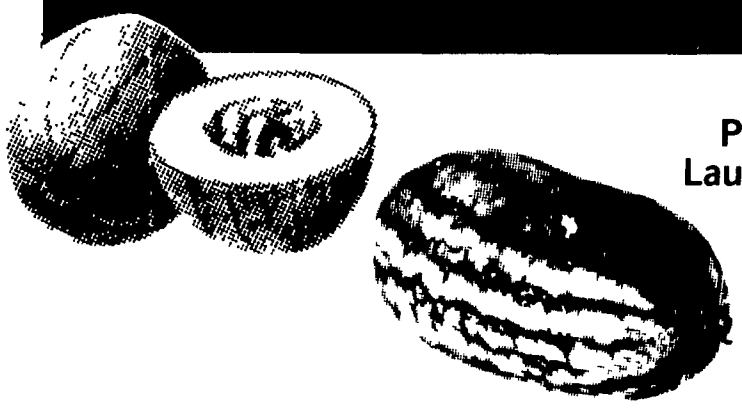
FOR OUR 48TH SEASON

LAUREL FARMERS AUCTION MARKET



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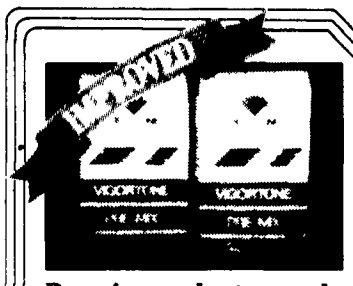

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Speedway Becomes Site Of Sundae Celebration

WILLIAMSPORT — The American Dairy Association and Dairy Council recently joined Eastern Milk Producers and Bordens Ice Cream in the Shangri-La Raceway's Winners Circle. A special Dairy Night, celebrating June Dairy Month, took place June 20 in Owego, N.Y.

Dairy Night featured some of the hottest cars on the racing circuit, as well as some of the coolest refreshments. Festivities got underway at 6 p.m. with building of a Giant Strawberry Ice Cream Sundae. The strawberries were an added treat, as Dairy Night coincided with the annual Owego Strawberry Festival. Racing fans also had the opportunity to win dairy T-shirts, hats and ice cream certificates.

At the conclusion of the race, Tioga County's Dairy Princess and Alternate, LuAnn Jantz and Renee Shannon, presented trophies and a milk toast to the winners. First place winner in the Shangri-La Late Model division was Tom Schwarz of Johnson City, N.Y. In the Modified category, first place went to Tony Hirschman of North Hampton, while second place was awarded to Rod Spaulding of Troy.

Fans at Shangri-La Speedway, Owego, N.Y., recently enjoyed a giant strawberry sundae as prepared by LuAnn Jantz, Tioga County dairy princess.

Some Markets Not Available Due To Early Press Deadlines

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, June 30, 1987

CATTLE: Steers- Medium-Good 58.00-63.85. Holsteins- Medium-Good 52.50-58.50.

HEIFERS: Medium-Good 56.85-62.00. Cows- Good 46.25-47.75; Medium 44.00-46.00; Big Middle 42.00-46.50; Shelly 41.50 & Down. Fat Bulls: Medium 53.00-56.00.

FEEDER CATTLE: Strong demand on a good run! Steers—(300-850 lbs.) Good 63.50-69.00. (600-850 lb.) Good 67.00-68.00; Medium-Good Holsteins 50.00-58.00. Heifers (All Weights)- Choice 66.00-68.00; Good 59.00-65.00; Medium 51.00-58.50. Bulls (All Weights)- Couple Choice 97.00-100.00; Medium-Good 53.50-59.00.

VEAL CALVES: Strong demand Choice 95.00-105.00; Good 86.00-94.00; Medium 79.00-85.00; Light/Weak 78.00 & Down; Farm Bulls 100.00-130.00.

HOGS: Barrows & Gilts 1-3 210-250 lbs. 59.00-60.00; 2 & 3's All Weights 56.10-58.75.

SOWS: Over 450 lb. 43.00-43.75; Under 450 44.00-46.75; 2 & 3's 37.25-43.50.

BOARS: 39.50-42.00, Light to 48.00.

FEEDER PIGS (by the hd.) Active (25-30 lbs. 31.00-38.00) (35-45 lbs. 40.00-48.00) (45-55 lbs. 49.00-57.00).

SHEEP: Lambs Choice 74.00-83.00; Good 65.00-73.00; Couple Med. 55.00-64.00.

EWES: 20.00-28.00; Goats (Lg.) 45.00-56.50; (hd) Sm./Med. 13.00-40.00.

Sale Every Tuesday Evening Beginning At 5:30 P.M.

Next state graded feeder pig sale: Friday, July 10th, 1:30 p.m.

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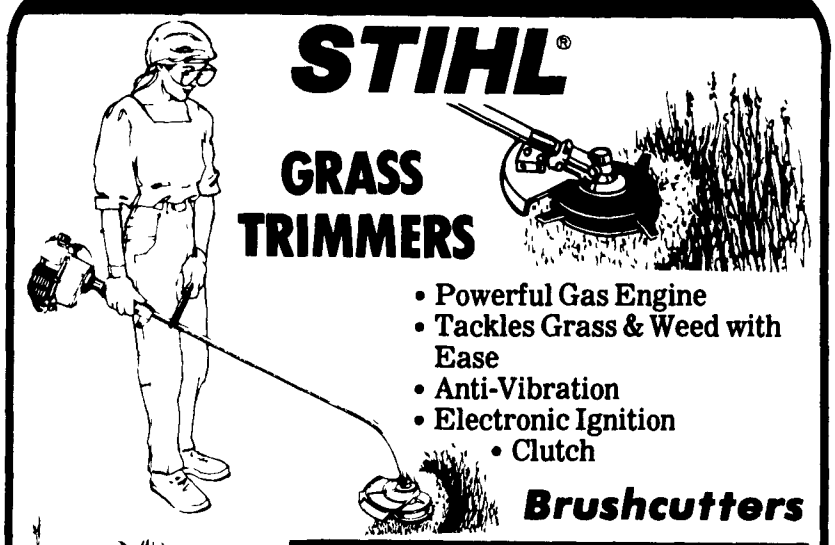

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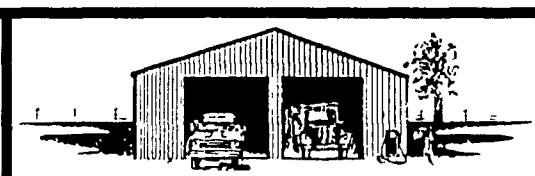
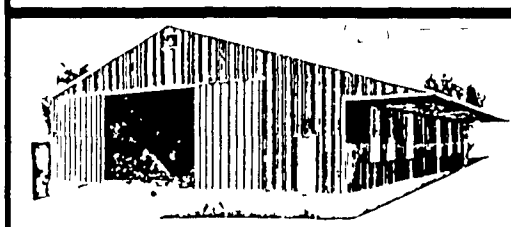


Industrial/Residential



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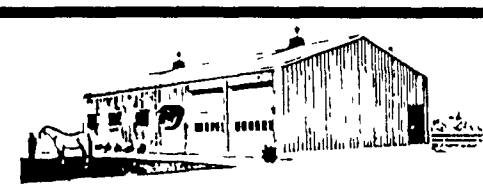

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dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

May 1987

Name	Brd	No. Cows	%-Days In Milk		Milk Lbs	Fat Lbs
Kit-Way Farm		3	68 3	88 7	20,905	772
Milton R Hoffman		3	47 3	89 1	19,373	750
Yelow-Buttercup Farm		3	155 0	88 5	18,669	730
Brown Valley Farm		3	71 8	89 0	19,397	727
Ray Dutterer		G3	66 9	88 5	19,037	720
Fred-Chris McGillvray		B3	56 4	89 2	19,175	691
Pann Gate Farm		3	77 4	79 0	18,300	671
Lagging Stream Farm		B3	123 0	83 8	16,761	664
Donald Todt		B3	53 8	86 3	18,560	660
Wayne H Rodgers		B3	100 4	86 0	18,084	659
Robert C Hoffman		3	26 5	84 4	18,254	655
Leroy Deputy		B3	128 8	86 5	18,586	649
M R & C S Durboraw		3	62 5	89 7	17,277	647
Ber Crk		3	68 4	84 6	17,281	637
Roy A Weaner Jr		3	55 9	86 6	18,299	635
Kraybill Miller		G3	40 6	88 8	16,469	627
Zeppdale Farms		B3	121 9	88 1	17,282	627
Home Side Acres		B3	46 1	79 6	17,102	623
George I Lauchman		B8	42 9	85 3	16,135	617
Kevin S Holtzinger		B3	250 3	86 2	18,385	614
Frank Ludwig		B3	32 2	87 1	16,537	611
Adam F Lobaugh		3	41 4	88 3	16,322	608
Michael Danner		B3	35 9	88 4	17,236	607
Robel Acres		3	78 3	89 3	17,594	605
M J Starner & Sons		B3	145 8	87 2	15,628	599
Buttonwood Farms		3	156 1	87 2	16,769	595
Getty Acres		B3	192 1	84 9	16,695	593
Way Brite Farms		B3	139 1	86 9	16,209	588
Larry Holtzinger		B3	46 1	89 8	16,657	588
R&K Cunningham		B3	45 6	84 1	16,766	582
John J Hess		B3	156 2	86 0	16,226	578
Holstein Supreme		G3	187 1	85 5	15,792	577
Rinker Bros		G8	41 4	83 6	15,263	571
Jeff&Mary Kay Roche		3	35 1	88 6	15,992	570
Richard K Herr		B3	170 8	85 8	17,049	568
Robert& Linda Meyers		B3	90 1	88 6	15,760	562
Leroy Basehoar		B3	68 7	77 6	14,503	561
Pennstead Farm		3	44 8	88 3	13,590	551
Roger L Sprague		G3	63 8	87 8	15,969	549
Kehr Acres		3	84 0	85 6	14,510	540
Piney Lane Guernseys		2	56 6	86 8	11,597	528
Pleasant Acres		B3	65 6	84 9	14,344	522
Grove Bros		B3	85 1	85 1	15,338	522
Charles E Mayers		G3	43 1	89 8	13,126	491
Knud A Hermansen		G3	84 0	84 3	13,996	487
Shamrock Farm		B3	58 0	84 2	13,674	484
Oscar E Mehring		G3	34 8	84 9	13,456	472
Ribert L Rohrbaugh		B3	70 2	79 7	13 613	467
H & W Farms		B3	68 3	74 0	12,399	452
Rhodes Enterprises		B3	164 4	78 9	11,348	451
Hubert R Brown Sr		B3	57 2	83 1	12,637	438

The following cows completed lactations over 700 pounds of fat

Penn Gate Farm						
A Abbey	3	6-11	305	21,826	3 4	747
Floris	3	5-6	288	16,276	5 0	821
Kerrie	3	3-2	305	23,387	4 0	937
Pennstead Farm						
Sylvia9	3	6-6	305	19,462	4 4	874
M J Starner and Sons						
48	3	7-8	305	20,142	3 9	796
ES 303	3	5-6	305	23,801	3 7	885
2	3	3-9	305	18,646	4 0	748
TS 25	3	4 6	305	21,601	3 3	720
Frank Ludwig						
Jenny	3	3 3	305	19,845	3 9	779
Donald Todt						
73	3	5-3	305	22,907	3 7	849
Kraybill Miller						
Blackie	3	7 9	305	19,040	3 6	701
Buttonwood Farms						
Amber	3	6-11	305	22,088	3 4	773
Roy A Weaner Jr						
42	3	4-10	305	18,848	3 9	744
1	3	5 4	305	18,711	3 7	701
85	3	3 1	305	19,925	3 5	709
Lagging Stream Farm						
May	3	4 5	305	19,736	3 6	715
Yvonne	3	4 1	305	19,551	3 6	723
Doris	3	4 2	305	16,873	4 5	767
Banana	3	3 1	302	16,158	4 6	747
Kehr Acres						
6	3	3-4	305	18,529	3 8	720
Ray Dutterer						
Angel	3	7 3	299	15 805	4 9	789
132	3	5-1	289	17 205	4 1	712
Kit-Way Farm						
Jester	3	10-1	305	24,907	3 5	872
Jello	3	4-9	305	22,136	3 8	849
Lady Di	3	4 0	305	19,990	4 2	859
Tony	3	3-2	230	22,567	3 5	799
Gina	3	3 10	305	24,140	3 9	953
Yelow-Buttercup Farm						
58	3	7 10	305	23,596	3 4	810
61	3	8-2	305	24,677	3 4	840
153	3	2-6	305	20,634	3 3	701
Wayne H Rodgers						
102	3	3 7	305	16,982	4 4	751
Grove Bros						
33	3	5 9	305	18,441	3 8	702
Way Brite Farms						
17	3	3 1	305	20,303	3 8	780
Leroy Deputy						
Wollen	3	6 7	305	21,624	3 4	743
Beckey	3	5 1	305	18,864	4 1	786
Wetsy	3	4 3	305	22,240	3 5	784
Getty Acres						
359	3	6 11	305	21 749	3 3	736
438	3	5 10	305	24,981	3 5	888
445	3	5 9	305	20,121	4 3	866
571	3	3 7	305	22,667	3 1	715
578	3	3 11	290	17 128	4 2	732
Zeppdale Farms						
134	3	4-4	305	19,957	4 3	863
1	3	4-0	305	14,796	4 9	729
Rhodes Enterprises						
44	3	5-6	305	16,667	4 5	763
247	3	2-11	305	15,561	4 8	748
Ber Crk						
Janice	3	4-2	305	20,550	3 5	733
George I Lauchman						
Lottie	3	5-1	305	18,798	4 2	807
Home Side Acres						
Dottie	3	6-7	305	18,539	3 7	701
Heidi	3	3-0	305	24,298	3 0	741
Milton R Hoffman						
40	3	5-6	305	21,503	4 1	895
09	3	4-11	305	19,651	4 3	849
58	3	2-1	305	18,230	4 0	742
Fred-Chris McGillvray						
55	3	7-4	305	22,225	3 7	823
52	3	4-6	305	17,510	4 1	727
58	3	5-4	305	20,650	3 7	773
Michael Danner						
22	3	2 9	305	24,700	3 1	778
Kevin S Holtzinger						
260	3	4-9	295	18,340	4 1	763
261	3	4 3	305	20,648	3 4	719
395	3	4-5	305	22,883	3 2	750
503	3	2 0	305	19,190	3 7	728
Richard K Herr						
194	3	6-6	305	20,010	3 7	753

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Ag Experiment Stations Celebrate 100 Years Of Research

RACINE, Wisc. — Imagine for a moment it is 1887 and you have been sent back in time to farm a newly established homestead. You'd soon discover that many of us take the agricultural research conducted during the past 100 years for granted.

In retrospect, we're fortunate Congress had the foresight, following the Civil War, to pass a series of congressional acts which changed farming forever. One of the most important of these, the Hatch Act, established an agricultural experiment station at the land-grant university in every state. That piece of legislation, sponsored by Col. William Hatch, who was congressman from Missouri's 1st District, celebrated its 100th birthday on March 2, 1987.

The need for research

Even though the Morrill Land Grant Act, which established the land-grant universities themselves, played a vital role in agriculture, it didn't go far enough, according to Jim Halpin, director-at-large for the state agricultural experiment station's southern region. Halpin also is chairman of the Hatch Centennial Committee.

"In 1862, when Congress passed the Morrill Act, there was no provision for research," he says. At that time, it was thought that the teaching of agriculture in colleges was enough to stimulate farm improvement. It was soon evident, however, that a research program was essential to provide information to be used in the classroom and by the growing rural population.

Farmers needed help

Halpin notes that farmers in the late 1800s not only needed answers; they needed physical and biological help to secure better crop varieties, new commodities to produce and improved livestock.

"Among the questions they were asked was how good is this stuff farmers are being sold," he says, referring to the comparisons between barnyard manure and the first commercial fertilizers. "So one of the first things a number of research stations did was hire chemists for fertilizer analysis."

New crops and programs

Meanwhile, farmers from Nebraska to Texas were hearing more and more about wheat and sorghum. They wanted to know how they compared with corn, which varieties were best and how

(Turn to Page A24)

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SCHEDULE OF DISTRIBUTION STOPS

Tuesday, July 14, 1987

8:00 a.m.	Clearfield, Pa.- Clearfield Mall parking lot, exit 19, Rt. 879
9:30 a.m.	Rockton, Pa.- Fire Hall
11:00 a.m.	Stump Creek, Pa.- Brady Grange, Intersection Rt. 410 & 952
12:30 p.m.	Reynoldsville, Pa.- Rathmel Grange Hall
2:00 p.m.	Brookville, Pa.- Quality Inn
3:30 p.m.	Penfield, Pa.- Grange Hall
5:00 p.m.	Toby Valley, Pa.- Swansan's Farm
6:30 p.m.	Ridgeway, Pa.- Boot Jack Grange Hall

Wednesday, July 15, 1987

8:00 a.m.	St. Marys, Pa.- J&L Country Market
9:30 a.m.	Emporium, Pa.- Buttonwood Inn on Rt. 155, Silverville Rd.
11:00 a.m.	Smethport, Pa.- Highlander parking lot
12:30 p.m.	Port Allegany, Pa.- Grange
2:00 p.m.	Sweden Valley, Pa.- Grange Intersection Rt. 6 & 44
4:00 p.m.	Ulysses, Pa.- Cottage Restaurant

Thursday, July 16, 1987

8:00 a.m.	Williamsport, Pa.- Bairs Truck Stop
10:00 a.m.	Pennsdale, Pa.- Sunoco Station
11:30 a.m.	Washingtonville, Pa.- Fire Hall
1:00 p.m.	Lightstreet, Pa.- Grange Hall
2:30 p.m.	Northumberland, Pa.- Leon Epler Dairy Store, Rt. 11
4:30 p.m.	Richfield, Pa.- Richfield Sales & Service Exxon Station

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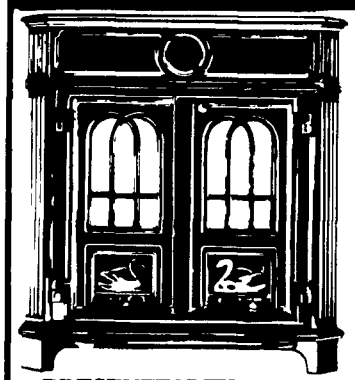

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Your Cost	$19 96

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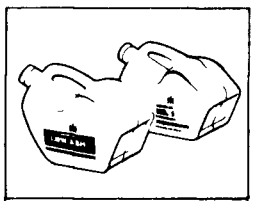

ENGINE OILS
Good for any 5 quart container of gasoline or diesel engine oil Single or multi viscosity

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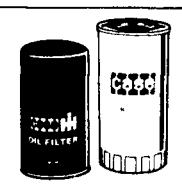

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Good towards the purchase of either 675616 C91 or A44081 engine oil filters Limit 2 filters

MFG REBATE
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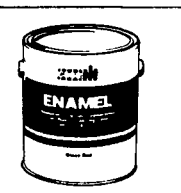

PAINT
Good towards the purchase of 1 gallon CASE IH enamel paint Any color

Special	$23 49
Mfg Rebate	5 00
Your Cost	$18 49

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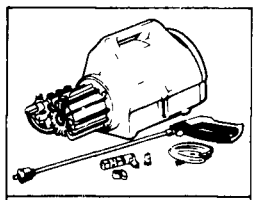

PRESSURE WASHER
1000 GEX 2 5 GPM 1 5 H P motor 1000 PSI 3 cylinder ceramic plunger pump Part # B500029

Special	549 00
Mfg Rebate	50 00
Your Cost	$499 99

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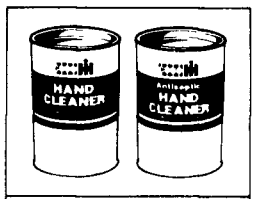

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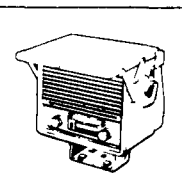

RADIO
AM FM stereo fender mount radio with cover Part # 2VX300TRA

Special	$142 97
Mfg Rebate	20 00
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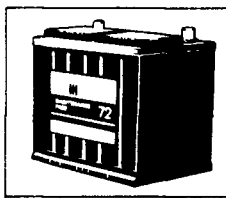

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02	ENGINE OILS	$
03	FILTERS	$
04	PAINT	$
05	PRESSURE WASHER	$
06	HAND CLEANER	$
07	RADIO	$
08	BATTERY	$
	TOTAL REBATE AMOUNT	$

case

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Bresee Wins Triathlon's Dairy Producers Category

WILLIAMSPORT – The fifth annual Endless Mountains Triathlon, an American Dairy Association and Dairy Council-sponsored swimming, biking and running competition, proved to be a great dairy product promoter. The event was held amidst Bradford County's challenging mountainous terrain on Sunday, June 21.

The competition proved an outlet for positive dairy nutrition promotion, with prime conditioned athletes enjoying dairy products following the race. Race director Steve Moore noted that, "many of the competitors really appreciated having yogurt and other nourishing foods to rejuvenate themselves following the race." Moore continued by saying, "It was also exciting to promote healthy foods as opposed to alcoholic beverages, for example, that are not good for your body and do not present a positive image to children."

Competitors prepared for the race by attending a special Sports Nutrition Seminar conducted by Dairy Council Inc., featuring Virginia Corcoran, R.D. The seminar presented proper nutrition practices for the endurance athlete. Participants also received a post-race massage, same-day computerized results, and a 100 percent cotton training shirt, as well as free yogurt, pizza and ice cream.

Winners of this year's competition include the following: 34-year-old Bill Ruth of Bethlehem, men's all-around, who finished with a time of 2:11:26; and in the women's all-around, 23-year-old Lorraine Foreina from West Trenton, N.J., who finished in 2:32:44. A special feature of the triathlon was a category set aside for dairy producers. The winner was Lesley Bresee of Ulster, who finished in 3:06:32.

ADADC, along with local dairy producers and princesses, built a giant ice cream sundae for the several hundred onlookers. Ice cream was provided by Edgewood Dairy.

Bystanders look on as Lorraine Foreina of West Trenton, N.J., crosses the finish line for first place in the women's division in the Endless Mountain Triathlon. The event was sponsored by the American Dairy Association and Dairy Council Inc.

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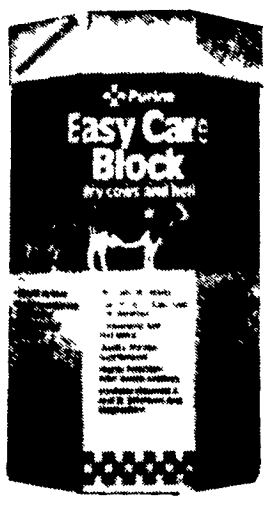

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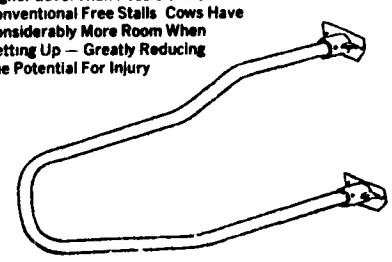

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NMPF Request UDSA To Merge Promotion Groups

WASHINGTON — National Milk Producers Federation made its request to merge promotion efforts official when it filed Federal Order amendments with the Department of Agriculture. The action culminates 18 months of negotiations with all dairy industry organizations that have an interest in the structure of one national dairy promotion organization.

NMPF's Chief Executive Officer Jim Barr points out that the primary reason for trying to bring advertising and promotion efforts under one national organization is to eliminate duplication and maximize the use of farmers' money. Several million dollars is estimated to be saved by bringing national advertising and promotion efforts under one organization.

"What we need is a better coordination of efforts. Dairy farmers want one organization to manage national advertising efforts. This proposed consolidation will provide that needed coordination," Barr stated.

"All segments of the industry were represented on our structure committee," Barr reminds. "There were numerous revisions requested, and our committee worked relentlessly to find an agreeable resolution to all of them. We traveled from one end of the country to another in our attempt to satisfy all concerns," Barr stresses.

Barr notes that negotiations were effectively ended by the National Dairy Board, one of the key players, when the Board's CEO stated in a letter to Barr, "...the Board does not want to expend additional resources on this effort at this time." The letter followed the Dairy Board's annual meeting in May.

"We have the farmers' interests as our number one priority. Farmers want and desire the most efficient use of their money. This is why we are filing the Order amendments today," Barr said.

Specifically the proposed amendments would:

- Consolidate the two existing national dairy promotion and research organizations into one entity, consisting of one board, one staff, and one chief executive officer.
- Establish a new National Dairy Association to coordinate promotion and research efforts.
- Expand the National Dairy Promotion and Research Board from 36 members to up to 72.

The National Milk Producers Federation is a national farm commodity organization representing dairy cooperatives and their dairy farmer members throughout the United States. Since its inception in 1916, the Federation has actively participated in the development of programs which are a part of a total system of agricultural law and policy which can appropriately be termed a national food policy.

Lyng To Address Soybean EXPO

ST. LOUIS, Mo. — U.S. Secretary of Agriculture Richard E. Lyng tops the list of speakers appearing at the American Soybean Association's Soybean EXPO '87, July 31 to Aug. 3 in St. Louis at the Cervantes Convention Center.

Lyng, who will address soybean farmers on Saturday, Aug. 1, has had wide-ranging experience in agriculture. He has served as president of a family seed production and processing company, Director of the California Department of Agriculture, president of the American Meat Institute and both Assistant Secretary and Deputy Secretary of the U.S. Department of Agriculture.

Another featured speaker is David Horowitz, a provocative and entertaining consumer commentator. One of Horowitz' discussion points will be the need for truth-in-labeling of tropical fats. Tropical fats such as palm and coconut oils currently aren't identified as high-in-saturated fats on food labels. These oil displace soybean oil and cost the U.S. farmer the equivalent of 171 million bushels of soybeans yearly. Approximately 2,000 people are expected to attend Soybean EXPO '87 sessions and the largest soybean-specific trade show in the country.

For EXPO '87 registration and housing information, call 800/USA-SOYA.

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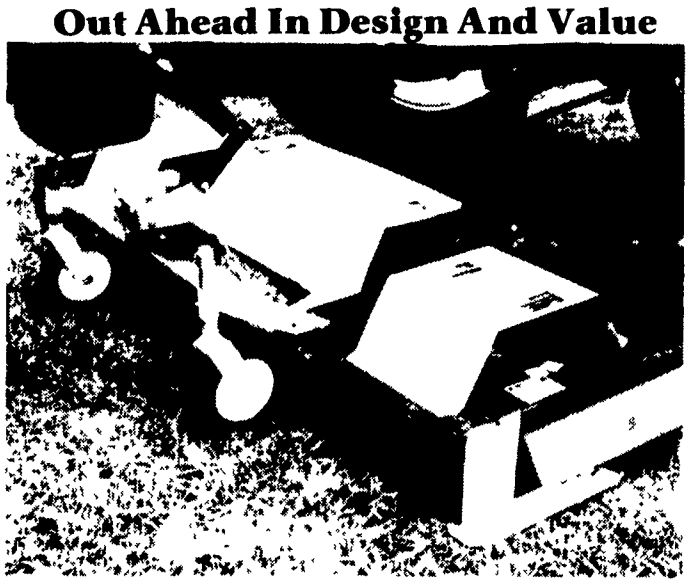

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	64304	4 Qt	14 5	$ 58.55!
	64306	6 Qt	17	$ 68.63!
	64308	8 Qt	21 5	$118.74!
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	64320	20 Qt	74	$526.77!
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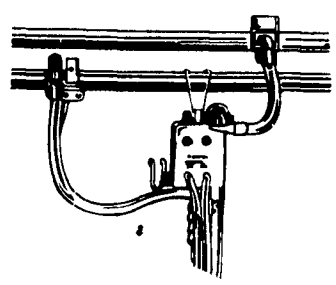

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No-Till Equipment Available

CREAMERY — Montgomery County Conservation District has four no-till cornplanters and a no-till drill available for county farmers to assist them in saving time and topsoil in double-cropping operations.

Available time for planting, when barley and wheat harvesting is in progress, is often in short supply; no-tilling is a way of not only saving time and getting the second crop planted immediately after harvest, but also helps conserve valuable moisture necessary for seed germination.

This spring's district no-till program has been very successful with over 1,000 acres no-tilled to date, and over 4,000 tons of topsoil saved.

Equipment available for leasing is as follows: 10-foot wide drill- 7-inch row spacing for $9/acre; 4-row cornplanter, 30-inch row spacing for $9/acre; 4-row cornplanter, 38-inch row spacing for $9/acre; 6-row cornplanter, 30-inch row spacing for $11/acre.

For additional information on the no-till program and equipment, call either the Montgomery County Conservation District or the USDA. Soil Conservation Service at 489-6071.

USDA's Richard Kadwill inspects one of four no-till cornplanters available for lease from Montgomery Co. Conservation District.

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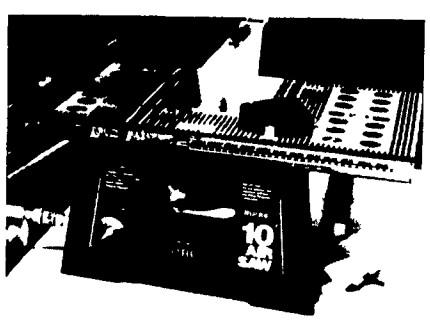
Farmers & Woodworkers!
Here is a light duty table saw with a 2 HP air motor that you can afford



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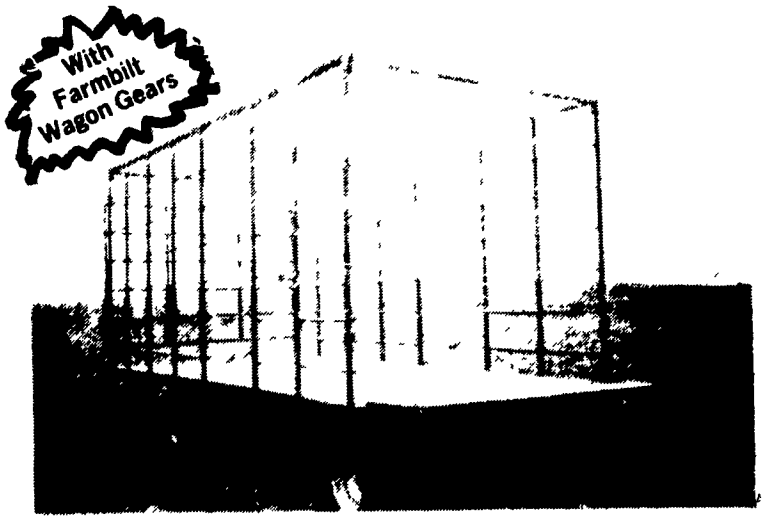

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Dixon Wins Delaware Judging Contest

NEWARK, De. — Delaware winners in the 1987 *Hoard's Dairyman* armchair-style dairy judging contest have been announced. At 456 points, Marty Dixon was the highest scoring individual in the state, while Danny Severson received honorable mention with only 4 less points. A member of the Chestnut Grove 4-H Club, Severson also had the top 4-H individual score.

Winners in the couples class were Charlie and Susan Hudson followed by Norman and Ruth Voss. The Vosses and their children won the family class, with honorable mention going to the Sam Dixon family.

University of Delaware extension dairy specialist Dr. George Haenlein will present cash prizes to the winner during the open dairy show, Wednesday, July 22, at the Delaware State Fair in Harrington. The prizes are provided by the Delaware Holstein Association. The winning entries were selected from 189 submitted by adults and children. Each competitor evaluated cows featured in recent issues of Hoard's Dairyman magazine.

Other winners include — Honorable mention, 4-H individual class: Rachel Cameron and Kelly Phillips, both members of the Porter Gang 4-H Club.

High 4-H club: Porter Gang, Mrs. Carol F. Moore, leader. Honorable mention: Chestnut Grove 4-H Club, Mr. and Mrs. Sam Dixon Jr., leaders.

High FFA individual: Rodney Peterman, Woodbridge Junior/Senior High School chapter. Honorable mention (a three-way tie): Irene Lanham, Jeff Chadick and Traci Czerny - all of the Glasgow FFA chapter.

High FFA chapter: Woodbridge Junior/Senior High School chapter, Dennis Harcum, advisor. Honorable mention (tied): Glasgow High School chapter, Mrs. Desi Moxley, advisor; and Caesar Rodney High School chapter, Allan Rathbun, advisor.

Crawford County 4-H'ers Hold Clinic

MEADVILLE — Fifty-eight 4-H youth and adults recently attended a 4-H Dairy Clinic held at the Crawford County Fairgrounds. The purpose of the clinic was to prepare the 4-H'ers for the Dairy roundup held in conjunction with the Crawford County Fair.

A clipping demonstration and workshops were conducted by Dallas Rynd, Judy Wolford and Robert Freyermuth. After the demonstration the youth practiced clipping their project animal, under adult supervision, to improve their skills.

County agent Joe Beard conducted an identification contest where the youth identified various types of hay, forage seed, common grains raised on the farm, common feed ingredients and identification of common insects seen around the farm. The top scorers in this event were Marsha Anthony, Jenny Dickey, Anita Sommers, Amber Donovan, Leslie Pegan, Lori Black, Beth Duncan, R. J. Donovan and Mac Dickey.

Phil Taylor, Venango County Extension agent, discussed how project books should be completed and why the information contained in them is important. He also suggested places where information could be obtained.

The highlight of the day's event was the showmanship contest held after lunch. Gary Miller, Cambridge Springs, and Robert Freyermuth, Cochranton, were the judges of this event. The first and second placings by age of the 4-H'ers was as follows:

8-year-old class, 1. Sarah Craig, 2. Sara Duncan; 9-year-old class, 1. Kimberly Miller, 2. Mathew Curtis; 10-year-old class, 1. Kathy Duncan, 2. Anita Sommers; 11-year-old class, 1. Michelle Lyons, 2. Crystal Miller; 12- and 13-year-old class, 1. R. J. Donovan, 2. Amber Donovan; 14-years-and-over class, 1. Marsha Anthony, 2. Lori Black. Prior to the event Gary Miller instructed the youth on how to best show their animals.

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- Demonstrations on overseeding legumes and small grains into corn and soybeans, which can cut nitrogen costs by $40 or more per acre, protect the soil and help control weeds.
- Updates on no-till farming without chemicals, amaranth, perennial grains, the RRC's experimental orchard, gardening and entomology research and more.

RRC researchers will be on hand to answer questions at an afternoon forum.

Cost is $8 (plus $4 for each additional family member), $5 for students, and includes lunch and an information packet. Space limitations require registration by July 17. To register, send checks (payable to Rodale Research Center) to: RRC Field Days, R.D. 1, Box 323, Kutztown, Pa. 19530. Phone: (215) 683-6383

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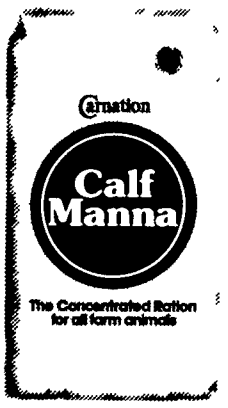

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BY
DR. GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, Del. — As environmental temperatures exceed 84 degrees F, performance of dairy cattle drops dramatically. Many of the cow's physiological responses to heat stress -- lower feed intake, increased respiration, sweating and altered blood flow distribution -- are survival strategies that compromise maximum production. The more productive the cow, the more negative the effect of heat stress.

Manipulating rations can't prevent heat stress. But providing a cow with adequate mineral supplements can help her adjust better. This will reduce inefficient use of feed nutrients, making more available for milk production. Recent Florida studies have shown that potassium and sodium at dietary levels above current recommendations for lactating dairy cows can support physiological balance and productivity.

Heat-stressed cows need more potassium. A 176 percent increase in water loss from the body by sweating was reported in nonlactating Holstein cows at 86 degrees F compared with those at 68 degrees. Also, at 86 degrees 43 percent of the total water lost from the body was via the skin, compared with only 25 percent when cows were maintained at 68 degrees. Cattle sweat larger quantities of potassium than other minerals, and potassium losses from the skin relate positively to environmental temperatures. The rate of potassium secretion is greater in cows without shade than in shaded cows. During peak heat stress at midday, the potassium secretion rate is about five times greater in non-shaded cows.

Due to both the increased loss of potassium from the skin and the normally high potassium content of milk (.15 percent), the Florida studies showed a significant improvement in milk yield (3 to 5 percent) when the dietary potassium content of complete mixed rations was increased during hot weather. During the cool season, on the other hand, this additional potassium had no effect on yield.

A relationship between heat stress, levels of aldosterone in the blood and urinary electrolyte excretion has also been reported in dairy cattle. Aldosterone is the hormone which regulates sodium metabolism.

In one study of the effects of prolonged heat exposure, at 95 degree temperatures the plasma aldosterone concentrations of nonlactating Holstein cows were 40 percent lower than at a cooler 68 degrees. Heat stress also reduced serum and urinary concentrations of potassium. The researchers suggest that the fall in serum potassium depressed aldosterone secretion, reducing urinary losses of potassium, while increasing urinary excretion of sodium. Thus, during heat stress, cattle excrete more sodium while trying to conserve potassium. This suggests that heat-stressed cows also require more sodium.

Increasing dietary sodium from current recommendations (.18 percent) to some higher concentration increased actual milk yield during both summer and winter studies in Florida.

During heat stress, food passes through the cow's gut more slowly. The longer residence time in the rumen results in a lower pH, causing acidosis, blood acid-basis imbalance and a decrease in salivary bicarbonate for ruminal buffering. Other Florida studies have shown that incorporating a dietary buffer in the rations to counter these effects is beneficial during hot weather.

In these studies, supplemental sodium chloride or sodium bicarbonate was added to the basic ration consisting of 40 percent corn silage and 60 percent concentrates to achieve either a .55 percent or .85 percent sodium content. Dry matter intake of the dairy cows increased as dietary sodium increased from .18 percent to .55 percent, then declined slightly with .88 percent sodium. Fat-correcting milk (FCM) yield increased dramatically (16 percent) by increasing dietary sodium from .18 percent to .55 percent, but then declined slightly as total dietary sodium was increased to .88 percent.

Added dietary sodium from sodium bicarbonate increased milk yield by 9.3 percent compared to a 4.0 percent increase from kitchen salt alone. Milk fat yields also rose with this added sodium bicarbonate buffer.

With another summer well under way, I suggest you make sure that the daily potassium, sodium and buffer intake of your cows is high enough to sustain milk production and thus improve profitability despite the heat.

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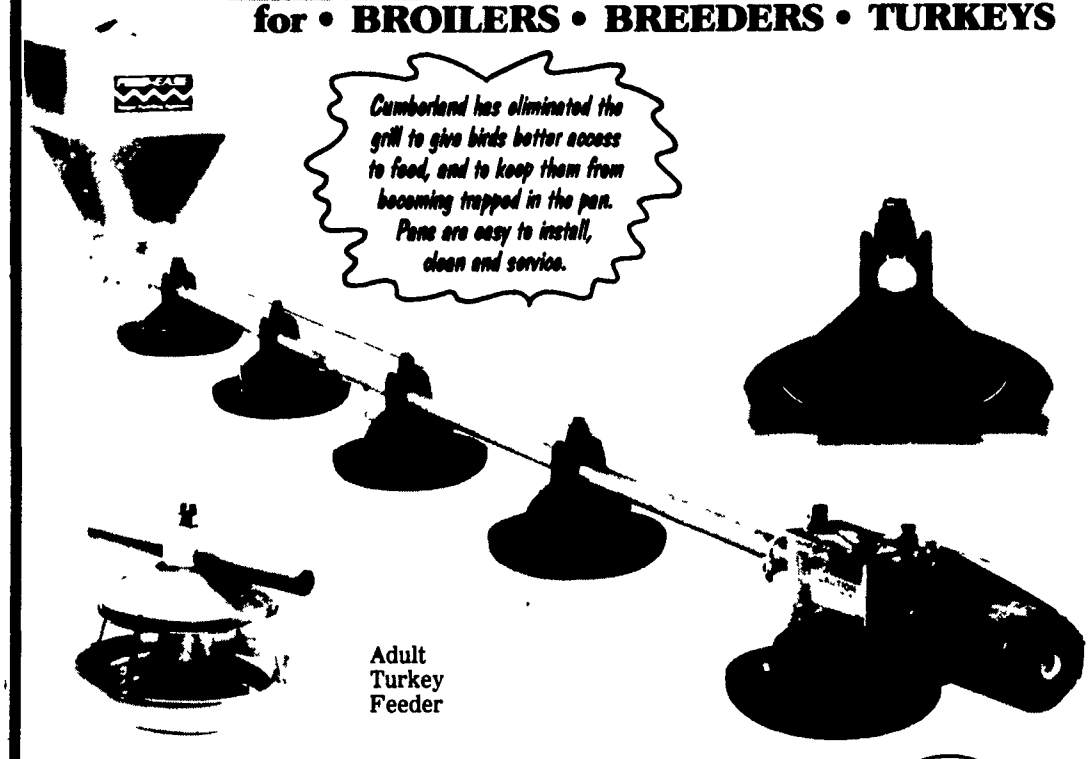

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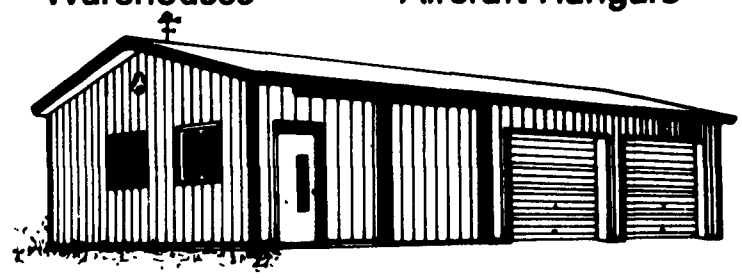

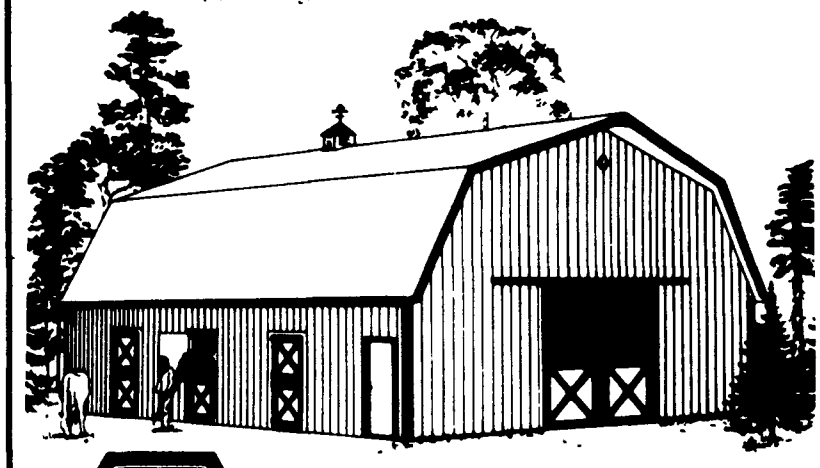

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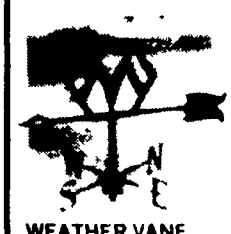

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Ag Experiment Stations

(Continued from Page A18)

and when they should be rotated with other crops, including alfalfa, grasses and vegetables.

Consequently, early research scientists put an emphasis on long-term programs which encouraged crop rotation and diversification. They also looked at the world differently than their counterparts in the academic environment.

"For example, while entomologists at the private colleges were working on insect classification, experiment station entomologists were studying the economic aspects of insects and looking for ways destructive pests could be controlled and beneficial insects improved," Halpin notes.

Many landmarks

Over the years, though, the accomplishments of the experiment stations soared far beyond the mere dissemination of data. According to Halpin, such scientific landmarks as the development of hybrid corn in Connecticut, the Babcock test for butterfat in Wisconsin and iodized salt to avoid goiter were changing not just agriculture but the history of the nation. Research on vitamins, minerals and fluoride, for instance, soon was applied to the human health field. Once common nutritional diseases now are unknown as a result of these advances.

In the meantime, other states were developing the seedless grape, new varieties of wheat, corn and sorghum, reduced tillage techniques, improved irrigation practices, new farm machinery and genetically improved livestock and poultry — the list is endless.

Plant breeding

Perhaps the most visible role of the experiment stations is the development of plant cultivars and genetic techniques that are not economically feasible for private industry.

"The propagation of new genetic lines with improved disease resistance, better stress tolerance or a different maturity range is just one example," Halpin says. "Whether or not a commercial company picks up the crop and does their own breeding depends on the profit potential," he adds.

Dudley Smith, associate director of the experiment station at Texas A & M, points out that an estimated 85 percent of the sorghum grown in Texas has one or more parents that have come from the state's experiment station.

"In fact, one of the main contributions of the experiment station is the production of new breeding lines and public varieties for use by farmers and private seed companies," he says, referring to crops like rice, sorghum and cotton.

"There are also a number of research areas, such as soil-plant-water relations, soil fertility, crop residue management, tillage systems and cropping/rotational systems which are non-proprietary. In other words, this type of research will not be conducted in the private sector because the discoveries can't be patented or owned. Hence, there is no way an individual company can capture the benefits or recover the costs." Halpin insists the experiment stations also play a vital role in the training of graduate students destined to be the ag leaders of tomorrow.

Bright future

As for the future of the nation's experiment stations, both Halpin and Smith agree it is unlimited. The major emphasis, they say, will involve biotechnology in both the plant and animal fields, agro-robotics, ag policy and new directions in farming.

"We have to anticipate public reactions and needs and respond to them," says Halpin, addressing subjects like food and dietary quality and consumer preferences. "Look at the amount of space in your grocery store devoted to floral items and pet food. As scientists, we have to supply new agricultural opportunities like the cultivation of ornamental plants and fish farming."

For the time being though, Halpin's thoughts are on the celebration of modern agriculture's centennial.

"Right now we are in the process of setting up a permanent display on agricutlural research at the Smithsonian Institute," he says.

Additional recognition of the Hatch centennial comes in the form of books, including the 1986 Yearbook of Agriculture, a movie and a slide show. Finally, numerous land-grant universities are preparing their own historical material and programs. You may want to contact your county Extension agent or land-grant university to see what is available in your area.

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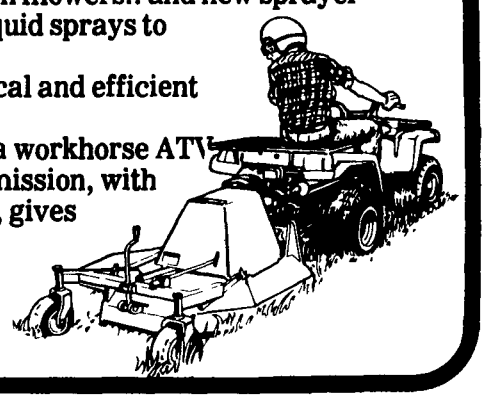

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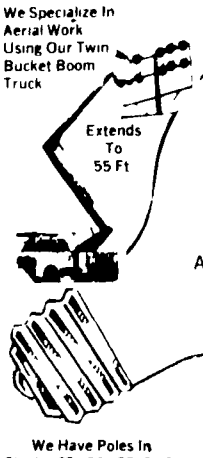

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Rogers Farm Hosts Adams County Holstein Meeting

BY GINGER SECRIST MYERS
Adams County Correspondent

BIGLERVILLE — The Adams County Holstein Club held its annual Holstein Twilight Meeting, Thursday, June 25, at the Wayne Rogers Farm located just south of Biglersville. Rogers, along with sons Curt and Jim, care for 90 milking cows, 95 heifers, and crops in excess of 350 acres. Their current RHA is 18,025 pounds of milk, 660 pounds of fat, and 584 pounds of protein.

While guiding visitors through his dairy facilities, Rogers noted that his herd average reflects changes in his feeding system to a total mixed ration now fed at the bunk. Rogers' cows receive haylage, high moisture corn, and corn silage. The ration is measured on a large scale mounted in the feed room with the haylage and silage arriving from two 20-by-80 Harvestore silos. Shelled corn comes from another 20-by-40 Harvestore. The ration is then augered to an enclosed belt feeder that has both a plow and a sweeper for distributing the ration along the bunk. Future improvements to his facilities include plans for another loafing barn for the cows.

Rogers provided three classes of cows for a judging contest. Tom Boyer, Sunny Bend Farm, York County, served as the official judge. Senior winner in the competition was Doyle Waybright. Adams County's newly crowned Dairy Princess Josie Hess was high individual among the junior members.

County Holstein Club Director David Kehr conducted a brief business meeting following the judging.

Doris Wilkinson, a member of the Adams County Dairy Promotion Committee, reported on that group's activities for June Dairy Month. The committee gave a gift pack of dairy products to the first baby born in the county in June. This year it went to a set of twins. The committee also participated in Country Days held in downtown Gettysburg. Plans are now underway for them to participate in an Ice Cream Extravaganza at the Gettysburg Recreation Park to be held on National Ice Cream Day, July 12. Wilkinson said that the event will feature a make-your-own-sundae bar for a pick-your-own price.

Dairy Tour Chairman Bob Flickinger announced that this year's tour will be to Dauphin County. The tour will feature stops at four farms and a buffet-style luncheon close to the Clark's Ferry. Cost per person is $15.50. 4-H and FFA members may attend for half price. Those interested in going should contact any of the County Directors not later than July 26.

Manure Study Results Presented

(Continued from Page A1)

move the excess out of the county...unless a way can be found to put manure to work doing something other than fertilizing crops. According to Lancaster County Conservation District Administrator Robert Gregory, one way to do just that is through a process called cogeneration. The conservation district has been serving as coordinator of a study to explore the use of poultry manure to produce steam and electricity to run a poultry processing plant.

The recently completed study was conducted by Kuljian Corporation, a Philadelphia-based engineering firm whose project manager, Ronald Szostak, reviewed the project's findings at Monday's meeting.

Szostak explained that cogeneration refers to the combustion of gases derived from manure, rather than the direct incineration of the poultry waste. This combustion produces steam that can be used for processing poultry, and driving a turbine which produces electricity.

The concept looked attractive to Victor F. Weaver, Inc., and Pennfield Corporation, who each provided $5,000 to the feasibility study. Other funding included $40,000 from the Department of Environmental Resources and $15,000 from the Governor's Energy Council.

According to Gregory, the Pennfield and Weaver operations produce a combined total of 206 tons of broiler manure and 65 tons of layer manure daily. It will take 206 tons a day to run the cogeneration plant, he says. In addition to filling all Weaver's steam requirements for processing, the cogenerator would produce 4.5 megawatts of electricity, which, Gregory says, would not meet the Weaver plant's entire need.

Kuljian estimates the cost of the cogeneration project at about $12 million, with a return on investor dollars of 8.75 percent. Szostak says the pay-back period would be about 10 years.

"At the present time it's practical to do it, and it becomes more practical as the price of fuel rises," says Gregory. He also points out that current figures don't take into account the value of a third product of cogeneration, the ash. Of the 200 tons of manure used daily, about 15 percent would remain as ash, composed of calcium, phosphorus and potash. "It's practically the same as wood ash," says Gregory. While no dollar value has as yet been placed on the ash, Penn State is currently researching its commercial value as a fertilizer and feed additive.

Cogeneration should make environmentalists happy, says Gregory, noting that any particulates in the stack emissions are reburned and no heavy metals will be emitted. The nitrous oxide emissions are well below levels mandated by DER, says the district spokesman.

Gregory says the study shows "It's technically and economically feasible for a cogeneration facility to be built. Having an energy conversion using poultry manure is one way of reducing the total amount that gets into the nutrient stream," he sums up.

Weaver's director of communications, Allen Tate, said the company has not yet evaluated the results of the study and that cogeneration is one of a number of manure disposal options Weaver is exploring.

Penn State economist H. Louis Moore pointed out that ag industry is the nation's biggest business, accounting for 20 percent of the gross national product. Pennsylvania agribusiness accounts for nearly 40 percent of the agricultural cash receipts in the North Atlantic region, he said. But in order for ag to remain the state's biggest business, the agricultural community must realize that environmental concerns will play an increasing role in business decisions of the future. "Times are changing, and citizens desire a clean environment," he said. "It's (environmentalism) a little bit like motherhood and a little bit like farming. You have to be in favor of it."

Ronald Hissong, Franklin County, Pa.

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McGregor Seeks To Expand Horizons

BY JOYCE BUPP
York County Correspondent

KRALLTOWN ~ There are no shortcuts to success, believes Ralph McGregor.

Instead, the East Berlin dairyman subscribes to a philosophy of careful analysis, goal planning, conservative risktaking, and calculated expansion.

It's what might be expected of a banker turned dairy producer. And now, McGregor is looking toward utilizing that farming-banking background toward increased leadership in the Farm Credit System.

A candidate for nominee as a director at large for the board of the Baltimore Farm Credit district, McGregor's winning a place on a two-man ballot hinges on his receiving nominations from stockholders of the Baltimore district.

Stockholders recently received ballots on which candidates may be nominated. Original ballots only, no copies, are due to the Farm Credit Administration in McLean, Va., by July 31. Names of the two individuals receiving the most nominations from stockholders will be placed on an election ballot, to be mailed to Baltimore district stockholders on Oct. 5. The nominee getting the majority of the votes in that election will be seated as director-at-large on the Baltimore Farm Credit board.

McGregor, active in numerous local and state agricultural organizations, has been gradually expanding the McRal dairy operation since its beginning, in 1961. It was then, after earning a college degree and working for two years in the banking industry, that McGregor returned to the family farm in Kralltown.

By feeding a Total Mixed Ration, Ralph McGregor reduces the stress on his herd of adapting to a constantly changing diet. McGregor is firmly convinced that the elimination of stress on dairy cows can help combat many physical problems of a herd, including mastitis incidence.

Ralph McGregor and herdsman Don Dyer review latest DHIA reports on the McRal herd. The 214 head on test recently broke the 700-fat barrier, with a current RHA of 19,608 milk, 3.6 percent, 706 fat and 599 protein.

His father, Harry, had always kept a small family herd of about 16 head of dairy cattle, along with farming field crops in the flat valley ground around the village of Kralltown. Ralph gave his dad a note for half the cattle and equipment and went into the dairying business.

Four years later, McGregor and his wife Ada purchased their own 121-acre farm nearby. Within a decade, they had expanded their herd to 43 head, updated the equipment line, and bought out the remaining interest of his father.

By 1972, the McGregor family, which grew to include five daughters, was ready for a major expansion. On a breeze-swept hill overlooking their home, McGregor constructed a new freestall and milking parlor facility. It included 110 stalls and a double-four parlor.

Another 137 acres was added in 1976, when adjoining land went up for sale. Building expansion got underway again in 1980. During the expansion a tornado-like storm swept the Kralltown valley, demolishing two of the McGregor's bank barns in its wake.

The 120 foot addition to the housing area added another 56 full size. 4 by 7-feet, stalls and 70 heifer stalls, 3-by-6 feet. Breeding age heifers are housed in part of the addition. Their proximity to the milking and holding area makes heat detection more efficient.

A 44-by-80 foot wing includes parlor, milk house, hospital-

(Turn to Page A27)

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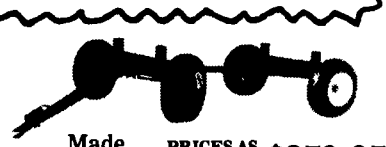

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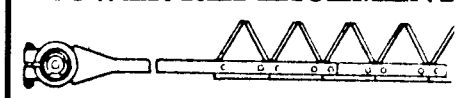

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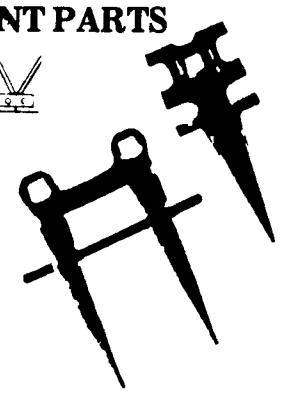

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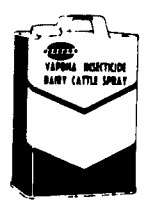

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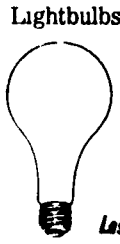

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SENTRY

McGregor Dairy Farm

(Continued from Page A26)

calving pens, and a utility-office facility. All under a single roof, the McRal dairy complex is naturally ventilated with sliding-door sides and ridge-ventilated roof. That enables simplified handling of large numbers of cattle during bad weather, with little outside exposure for either animals or farm staff.

Elimination of cow stress is an ongoing goal at McRal. McGregor is a firm believer that cattle problems lie in cow stress, and aims at all times to reduce herd stress levels.

Milkers are divided into three production groups, with 80 to 84 head kept consistently in the high-production housing section, which includes only 58 freestalls.

"We didn't set out to group and overrun," attests McGregor. "But we're getting crowded and still getting away with it. They do definitely take turns eating and lying down, and it looks like we can get away with 15 to 25 percent more cows than there are stalls in a grouping."

That his approach works is evident from the herd statistics. The 214 head of registered and grade Holsteins have a DHIA rolling herd average of 19,608 milk, with a 3.6 percent fat test and 706 pounds fat, and 599 pounds protein. With an initial herd production goal of 600 pounds fat, and having recently surpassed his next goal level of 19,000 milk and 700 fat, McGregor continues to challenge the herd toward greater efficiency. And, he's passed those production levels while doubling herd numbers.

Mastitis Treatment

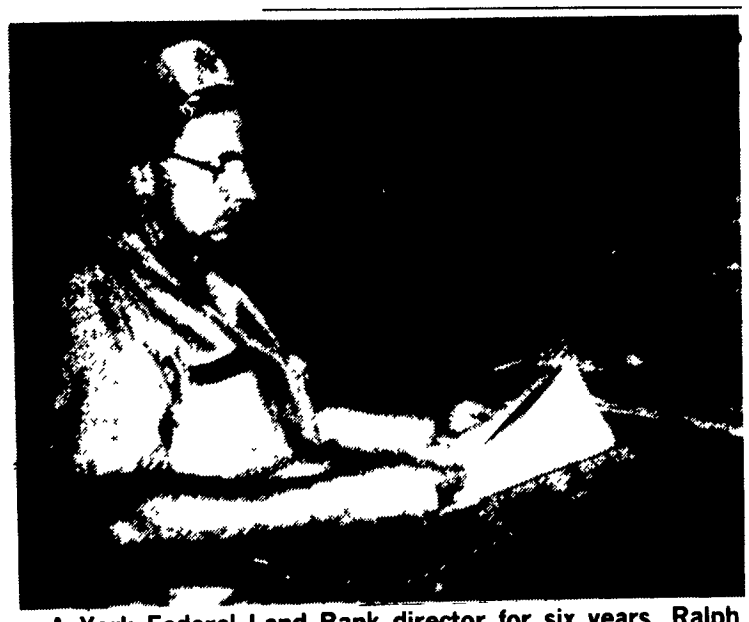
No doubt one of McGregor's more unique philosophies of dairying is his avoidance of antibiotics in treating mastitis cases. It was a goal that took root more than 10 years ago, when he attended a National Mastitis Council meeting.

"I didn't feel as if they had adequate answers," was his conclusion of the information presented. "After looking at their microscopic slides I decided that nature wanted traffic in that streak canal to be in one direction only. It seemed that all those syringes going the wrong way were doing more harm than good, and doing permanent injury in letting the bacteria go in the other direction."

"Nature meant for cows to take care of themselves; if we do everything the right way, they should be able to do that," adds McGregor. "And that means keeping cows just as free of stress as we possibly can."

Instead of treating mastitis cases, McGregor switched to stripping out affected quarters, sometimes several times a day. Problems generally clear within a few milkings, and even coliform cases usually respond to his methods. Individuals which do not respond, or prove to be repeaters, are culled.

In the 10-plus years during which McGregor has followed his no-treatment approach, culling rates have held around 20 percent, below the state average. When beef prices are favorable, cull rate reflects that upturn. Average herd Somatic Cell Count has also remained fairly steady, and far below the maximum acceptable level.



A York Federal Land Bank director for six years, Ralph McGregor is seeking Farm Credit stockholder nomination to the ballot to elect a director at large to the Baltimore district Farm Credit board. McGregor uses reading time, attends many meetings, and is active in a host of ag-organizations to stay abreast of the rapid changes in agriculture and how they relate to the ag lending business.

The no-medicine approach to mastitis took some adjustment, according to former Californian Don Dyer, herdsman for McRal. But after his four years using no antibiotics on the herd, Dyer's an enthusiastic advocate of stripping-only for mastitis. The one mastitis case occurrence in the last six months, even through early summer humidity, attests to the program's success.

Dyer, other McRal employees, and the McGregor family all lend a

(Turn to Page A37)

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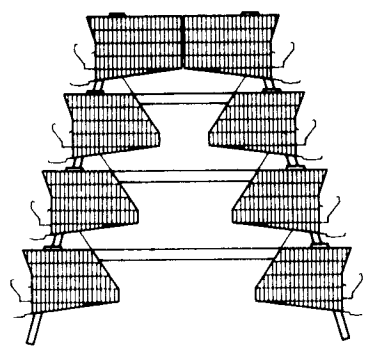

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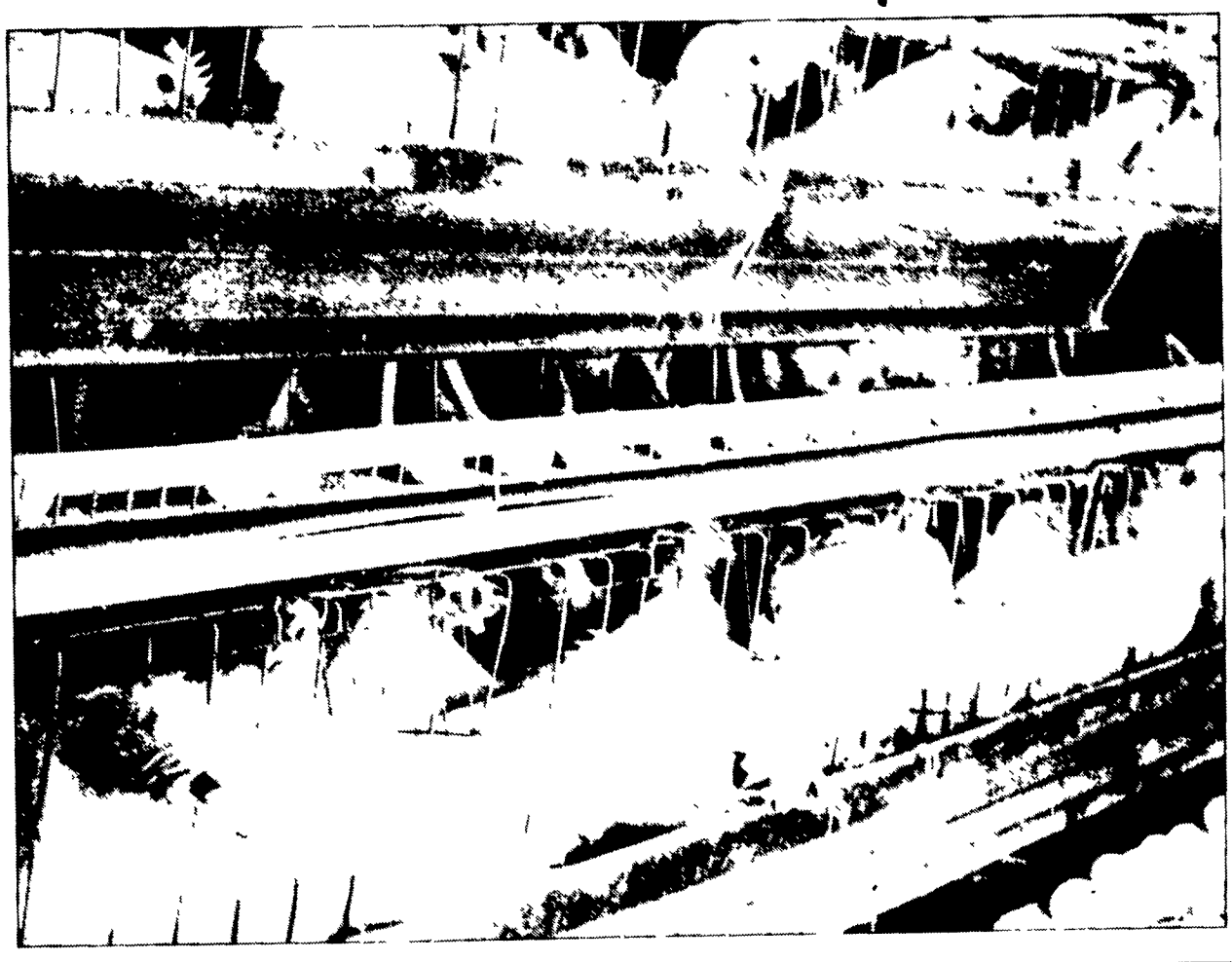

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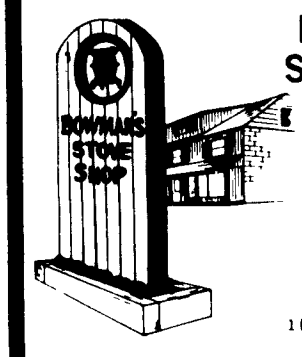

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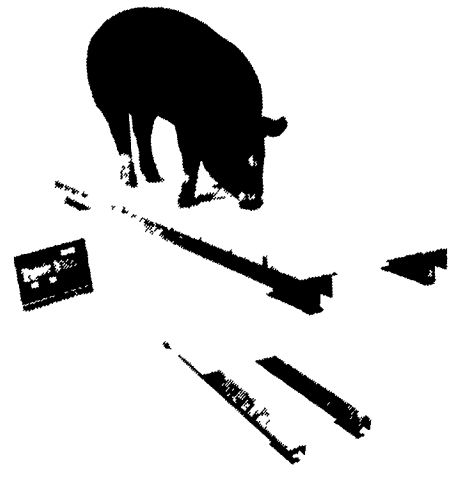

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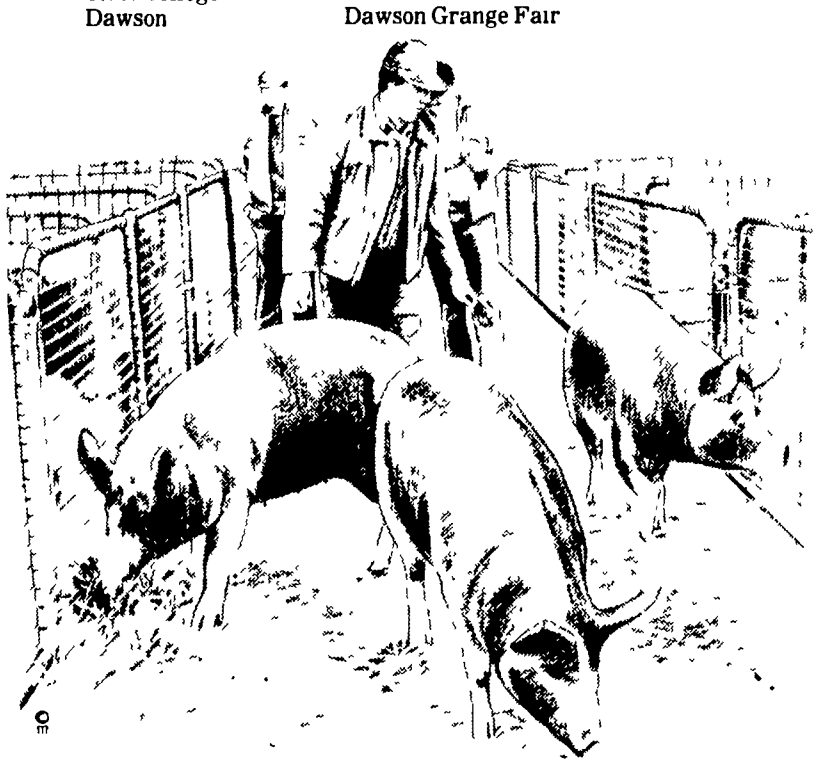
JULY

10-11	State College	Lamb & Wool Festival and Annual Keystone Stud Ram & Ewe Sale
16-17	Lebanon	PA Yorkshire Co-operative
16-25	Hughesville	Lycoming County Fair
17-18	Snyder County	PA Young Farmers Summer Conference and Picnic
18-25	Shippensburg	Shippensburg Community Fair
20-25	Sykesville	Jefferson County Town & Country Fair
20-25	Kimberton	Kimberton Fair
21-25	Conneautville	Conneaut Valley Fair
21-25	Mercer	Jefferson Township Fair
22-25	Nazareth	Plainfield Farmers Fair
26-Aug. 1	New Bethlehem	Clarion County Fair
26-Aug. 1	Lebanon	Lebanon Area Fair
26-Aug. 1	Mercer	Mercer Co. Grange Fair
27-Aug. 1	Butler	Big Butler Fair
27-Aug. 1	West Chester	Goshen Country Fair
27-Aug. 1	Troy	Troy Fair
28-Aug. 1	Wind Ridge	Jacktown Fair
29-Aug. 1	Linesville	Linesville Area Community Fair
30-Aug. 8	Uniontown	Fayette County Fair
31	Mercer	Western PA Holstein Championship Show

AUGUST

1	State College	Performance Tested Ram Sale and Sheep Producers Field Day
1-8	Mackeyville	Clinton County Fair
2-8	Laurelton	Union County West End Fair
3-7	Martinsburg	Morrison Cove Dairy Show
3-8	Clearfield	Clearfield County Fair
3-8	Millport	Potter County Fair
4-8	New Stanton	New Stanton Farm & Home Fair
5-10	Whitneyville	Tioga County Fair
6-8	Carlisle	Carlisle Fair
8	Kutztown	Eastern PA Holstein Championship Show
10	Shippensburg	South Central PA Holstein Championship Show
10-15	Bedford	Great Bedford County Fair
10-15	Butler	Butler Farm Show
10-15	Waynesburg	Greene County Fair
10-15	Kutztown	Kutztown Fair
10-16	Washingtonville	Montour-DeLong Community Fair
10-16	Honesdale	Wayne County Fair
10-17	Cochranton	Cochranton Community Fair
11-15	Greensburg	Harrold Fair
11-15	Greenville	Transfer Harvest Home Fair
11-15	Pittsfield	Warren County Fair
11-15	Franklin	Venango County Fair
12-16	Schuylkill Haven	Schuylkill County Fair
13-15	Clinton	Findlay Township Fair
13-15	Wrightstown	Middletown Grange Fair
16-22	Emporium	Cameron County Fair
16-22	Lehighton	Carbon County Agricultural Fair
16-22	Chambersburg	Franklin County Fair
16-22	Washington	Washington County Agricultural Fair
16-23	Huntingdon	Huntingdon County Fair
16-23	Smethport	McKean County Fair
17-22	Mt. Pleasant	Bullskin Township Community Fair
17-22	Dayton	Dayton Fair
17-22	West Newton	Sewickley Township Community Fair
18-20	Rock Springs	Ag Progress Days
18-22	Bangor	Blue Valley Farm Show
18-22	Kersey	Elk County Fair
18-22	Harford	Harford Fair
18-22	New Castle	Lawrence County Fair
18-22	Newport	Perry County Fair
19	State College	Performance Tested Boar Sale
19-22	Dawson	Dawson Grange Fair



22	Huntingdon	Central PA Holstein Championship Show
22	Whitneyville	Northeastern PA Holstein Championship Show
23-29	Meadville	Crawford County Fair
23-29	Meyersdale	Somerset County Fair
23-29	Greensburg	Westmoreland County Fair
24-29	McConnellsburg	Fulton County Fair
24-29	Farmington	Mountain Area Community Fair
24-29	Gilbert	West End Fair
25-29	Elizabethtown	Elizabethtown Community Fair
25-30	Hookstown	Hookstown Grange Fair
28-Sept. 3	Centre Hall	Centre County Grange Fair
30-Sept. 5	Forksville	Sullivan County Fair
31-Sept. 5	Indiana	Indiana County Fair

SEPTEMBER

1-5	Jamestown	Jamestown Community Fair
1-6	Wattsburg	Wattsburg Fair
1-7	Allentown	Allentown Fair
1-7	Newfoundland	Greene-Dreher-Sterling Fair
2-5	Rochester	Big Knob Grange Fair
2-6	Dallas	Luzerne County Fair
2-7	Stoneboro	Great Stoneboro Fair
3-7	Arendtsville	South Mountain Community Fair
4-7	Tunkhannock	Wyoming County Fair
5-12	Port Royal	Juniata County Fair
6-12	Ebensburg	Cambria County Fair
6-12	Spartansburg	Spartansburg Community Fair
7-12	Home	Ox Hill Community Fair
7-12	Waterford	Waterford Community Fair
7-12	West Alexander	West Alexander Fair
11	State College	PA Holstein Fall State Championship Show
11-19	York	York Inter-State Fair
14-17	Bellwood	Bellwood-Antis Township Fair
14-17	Claysburg	Claysburg Area Farm Show
14-19	Commodore	Green Township Fair
15-19	Albion	Albion Area Fair
15-19	Berlin	Berlin Brothersvalley Community Fair
15-19	Denver	Denver Community Fair
15-19	Skelp	Sinking Valley Community Fair
16-18	Quarryville	Southern Lancaster County Fair
16-21	Williamsburg	Williamsburg Community Farm Show
17-19	North East	North East Community Fair
17-19	Oley	Oley Valley Community Fair
20-26	Beaver Springs	Beaver Community Fair
21-25	Harrisburg	All American Dairy Show
21-26	Gratz	Gratz Fair
21-26	Reading	Reading Fair
22-26	Ephrata	Ephrata Fair
22-26	Westover	Harmony Grange Fair
23-25	Lampeter	West Lampeter Community Fair
27-Oct. 3	Bloomsburg	Bloomsburg Fair
29-Oct. 2	Martinsburg	Morrison Cove Community Fair
30-Oct. 3	New Holland	New Holland Farmers Fair

OCTOBER

1-4	Hegins	Tri-Valley Community Fair
1-5	Harrisburg	Keystone International Livestock Exposition
3	Falmouth	Falmouth Goat Race
5-8	Hollidaysburg	Hollidaysburg Community Fair
5-9	Manheim	Manheim Community Fair
8-10	Unionville	Unionville Community Fair
15-17	Dillsburg	Dillsburg Community Fair
15-18	Uniontown	Uniontown Poultry & Farm Products Show

JANUARY, 1988

10-15	Harrisburg	Pennsylvania Farm Show

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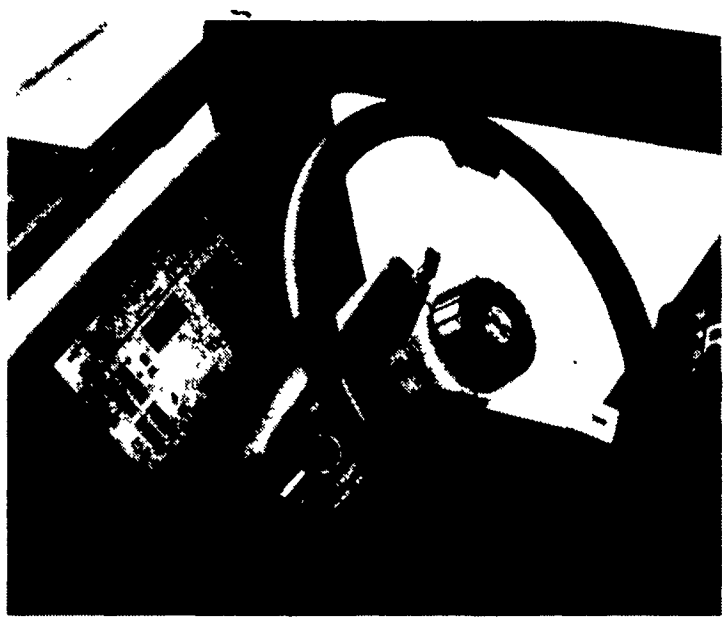

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Birdsfoot Trefoil: A Good Pasture Alternative

BY CARL C. LOWE
Professor Emeritus
Cornell University

Recent interest in forage production has centered on alfalfa. This has tended to somewhat reduce attention given to our other valuable forages. Changing priorities go with progress but using the unique characteristics of all of our multiple species each to its best advantage is still a pretty good plan. One forage crop can't do it all. This article deals with current perspective on use of one of our more familiar forage legumes on many New York farms.

Birdsfoot trefoil *(L. corniculatus)* has been grown for decades in New York, frequently as long as term pasture or as hay and on marginal growing sites which it tolerates better than alfalfa. Its golden blossoms of early summer have also become familiar to non-farmers from its use as roadside cover along many miles of the state's highways. Trefoil has a particular historical attachment to New York since it supposedly was first introduced into North America along the Hudson River, carried in horse feed by the early Dutch explorers.

Birdsfoot trefoil use has declined in recent years. Accurate figures on trefoil seed sales in the Northeast show seed use dropping by one-half over the past two decades. About 300,000 lbs. are still planted annually in the region — roughly 40-50,000 acres. Since the crop can be quite long-lived, it is difficult to estimate the total existing acreage of trefoil. It is probably accurate to assume that the known decline in use is linked to on-going changes in the dairy industry in the Northeast. Use of pastures and marginal growing areas where trefoil really excells runs counter to past trends in dairy production.

The most intriguing and frustrating feature of trefoil is its seed production habits. The crop sets seed readily after flowering so a seed crop can be produced. Unfortunately, the ripening seed pods shatter so easily that the seed crop is very difficult to harvest. Consequences of this are both good and bad. On the bad side, it makes seed production so variable and uncertain that a stable seed industry has not developed as it has for other legumes. Farmers are all too familiar that this ends up in quite high priced seed. Since shattering is worse under dry conditions, trefoil seed cannot be grown under the ideal conditions of the West like the other legumes. Humid climate tends to prevent shattering and this is the reason a small trefoil seed industry was developed in New York and persisted for some time — mostly along Lake Champlain. This production has gradually gone out due to disease and insect problems. Trefoil seed production remains a serious deterrent to expanded use of the crop.

Ironically, the seed shattering is directly linked to one of trefoil's greatest virtues — long stand life. Under many conditions, forage producing stands of trefoil set seed and annually scatter several times the amount of seed used to establish a stand. Individual trefoil plants are perennial and live for several years but the extended stand life is the result of reestablishment via new seedlings from the disbursed seed when conditions become favorable. Some stands have existed over very long periods by this process. Appropriate crop and animal management are obvious factors in this stand longevity.

Just how well does trefoil stack up as forage? The answer to this largely depends on intended use. Trefoil is a superb pasture species. Its unusual potential for long stand life has been described and various feeding experiments for animal gain from trefoil have shown excellent results. Its non-bloating character is obviously a valuable attribute for a pasture legume. Trefoil is also very compatible with the common grasses used in pasture mixtures; in the Northeast, trefoil is usually sown with timothy.

As a stored forage use crop, trefoil does not rate a ten. Much of the trefoil acreage planted has probably been intended to do a similar job to alfalfa on sites where alfalfa is not well adapted. Productivity in these situations for hay is often lower than expected. Trefoil hay is difficult to handle without extensive leaf loss. On average, two hay crops per season can be obtained from the "European-type" varieties; and

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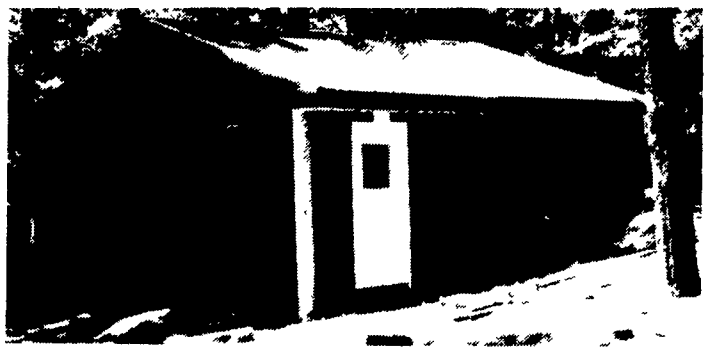

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Liming Neutralizes Acidity

What is the main reason for liming soils? It is not just to supply calcium for crops. The main reason for liming soils is to neutralize excessive soil acidity. According to Jeff Jabco, Delaware County Cooperative Extension agricultural agent, limestones are a mixture of calcium and carbonate. Some limestones also contain magnesium and are called dolmitic limestones. Jabco emphasizes that the carbonates in limestone neutralize soil acidity, not the calcium or the magnesium. Limestones are applied because they are carbonates.

Other carbonates will neutralize acidity. Sodium and potassium carbonates are common remedies for stomach acidity. These products would also neutralize soil acidity, but would be very expensive. Also, excessive applications of sodium and potassium could cause soil and crop growth problems.

While other carbonates will neutralize acidity, other calcium compounds will not. Calcium chloride, road salt and calcium sulfact will supply calcium, but they will not neutralize acidity. In addition, the calcium and magnesium in limestones are also beneficial to crops in many ways. Thus, liming soils provides a fringe benefit by neutralizing soil acidity and fertilizing the soil with calcium. In using a dolomitic limestone, magnesium can also be introduced into the soil.

By far, aglime is the most cost-effective method available to correct acid soil, while also providing organic material necessary for proper plant growth.

Birdsfoot Trefoil

(Continued from Page A30)

usually about 1½ crops from Empire. The grass fraction of trefoil mixtures is considerably higher than with alfalfa under the same conditions due to relative competitiveness of the two legumes.

Seed use figures in the Northeast show a consistent 3:1 preference for the European-type trefoil versus Empire. Seasonal productivity for the European-type is considered a bit higher due to the earlier first crop maturity and faster regrowth; this growth habit is probably more suitable to hay use than Empire and perhaps less suitable for stand longevity. Both types are frequently managed for multiple use as hay and pasture.

What can be predicted about trefoil's future? In the current agricultural climate, it is unlikely that total trefoil use in the Northeast will increase although there has been some recent resurgence of interest in pasture in dairy operations as an economical feed source for the non-milking herd. It is not known whether this can translate into any additional pasture acres or emphasis on pasture improvement. The much smaller beef and sheep industries are, of course, very interested in pastures. In all situations where pasture use can be projected, trefoil should play an important role — it is only a question of realistic appraisals about pasture use.

Article courtesy of New York Forage & Grasslands Council

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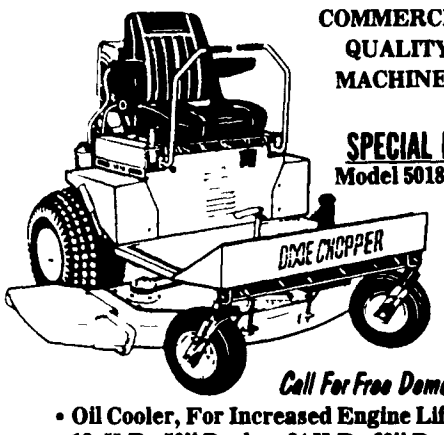

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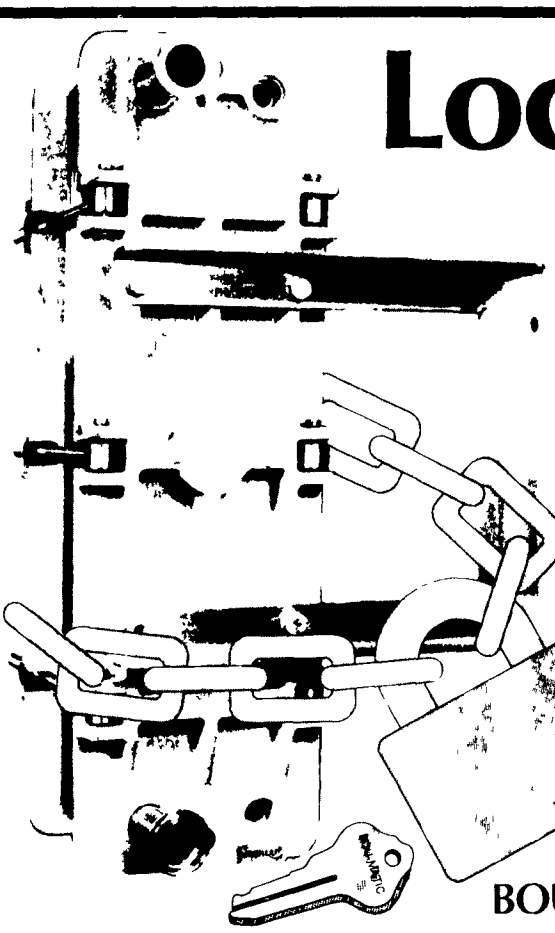

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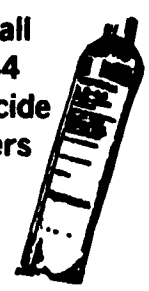

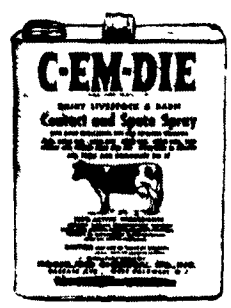

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M-W Price Halts 6 Month Skid

(Continued from Page A1)

chasing. If Congress expects purchases to exceed the 5 billion pounds level it will drop the price. Congress may look at the entire dairy picture, such as circumstances favorable to expansion, and forecast higher than present purchases.

CCC purchases dropped to 80.6 million pounds during the third week in June — very low for the height of the spring milk flush period, Kirkland explained. During the third week, product cancellations reached 1.4 million pounds. "This indicates that all that butter is needed on the commercial market. The government is not buying that product," Kirkland said. More cheese is also being sold through the commercial market.

Butter prices on the commercial market have increased the last three weeks while cheese prices have stay the same. During the week ending June 19, butter prices jumped 6 cents per pound, "well over the support price." There is a shift in the market from selling product to the government to selling it on the commercial market, Kirkland said.

Because of this shift, Kirkland speculated, that there will be a shortage of cream for commercial ice cream manufacturing. The manufacturers will be looking to buy the cream from the government, yet, the government may not have it to offer. Some areas may also experience a shortage of milk, especially areas with heavy participation in the buyout program, he noted. "I anticipate calls in these areas," Kirkland added. A milk call diverts milk from processing plants to fluid plants in order to alleviate the milk shortage.

The areas where this will most likely occur is in Federal Order 2, the marketing specialist observed. Before a call is issued, the processors will attempt to purchase milk from traditional sources, Kirkland explained, such as milk handlers in Pennsylvania.

In Pennsylvania, Kirkland said, there is sufficient milk to meet fluid needs with excess production to manufacturing needs. The milk supply in New York and New Jersey is somewhat tighter, however, not as tight in the New England states. "Maybe, Pennsylvania can become a milk supplier for some of the states in the Northeast." He noted that in fall, when school re-opens, the demand for fluid milk jumps dramatically.

The tightening of the milk supply has created a favorable environment for producers to negotiate for over-order prices, Kirkland said. "Farmers are in a good position to bargain for premiums."

Contributing to tightening the milk supply has been the buyout program. Approximately 20 percent of the animals in the program still have to be disposed of. Most of these animals are cows, he noted. The impact of the program will follow through to fall. The effects of the buyout are long lasting, Kirkland said, since the facilities used by the participants will be out of use for a minimum of five years.

"Those still in business would have started to expand if they were planning it. I don't see it." Kirkland noted, "Most of the farms are no bigger than they were last year."

In May, Pennsylvania registered a slight drop in total milk production from May 1986. This year, the 718,000 cows on Pennsylvania farms produced 912 million pounds of milk. Last year, the 730,000 cows on Pennsylvania farms produced 913 million pounds of milk. In the 21 major dairy states which produce 85 percent of milk in the country, production decreased by 2.3 percent for the same time period. Total milk production in the country stood at 10.96 billion pounds during May 1987 compared to 11.2 billion pounds produced during May 1986.

Milk prices increased in the three Federal Order which cover Pennsylvania comparing May 1986 prices to May 1987. Class 1 milk increased by 1 cent in Order 2 and 4 and 6 cents in Order 36. The blend price in Order 2 jumped 5 cents to $11.30. Order 4 registered a similar price increase for a May 1987 price of $12.32. The blend price in Order 36 increased by 8 cents to $11.94.

Utilization of Class 1 milk also increased in the three Federal Orders of the state.

Cull cows prices in Pennsylvania continued its upward trend in May 1987. In May 1986, cull cows sold for $35.90 per hundredweight. In April 1987 the price stood at $42.40 and increased again in May 1987 to $45.80 per hundredweight.

"I'm optimistic for thing which will be happening for the rest of the year. Dairy farming will be fairly profitable unless the dairyman is locked into some debt. Even then making payments should be easier," Kirkland said.

Cowtown Rodeo

WOODSTOWN, N.J. — Here are the top three placings in the events at Cowtown Rodeo last Saturday night:

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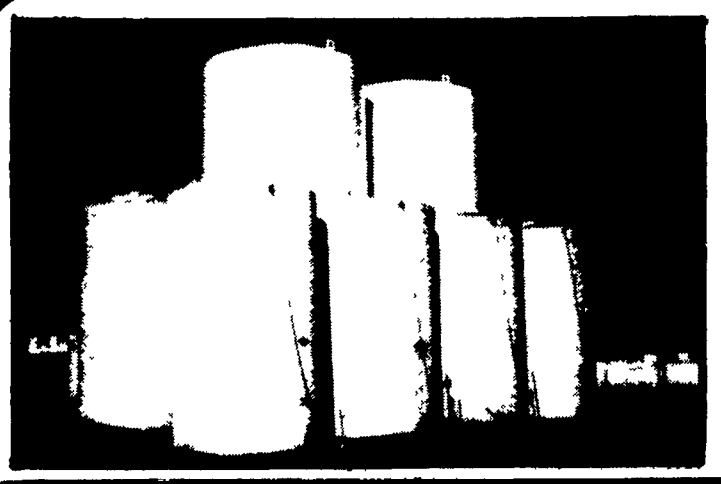
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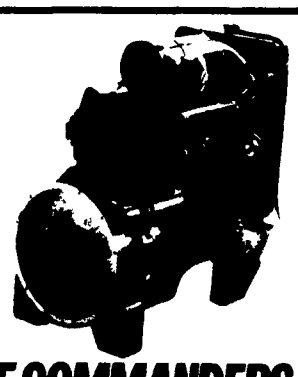
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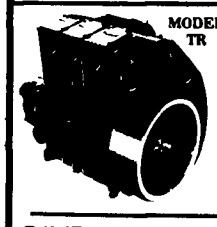
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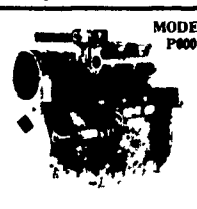
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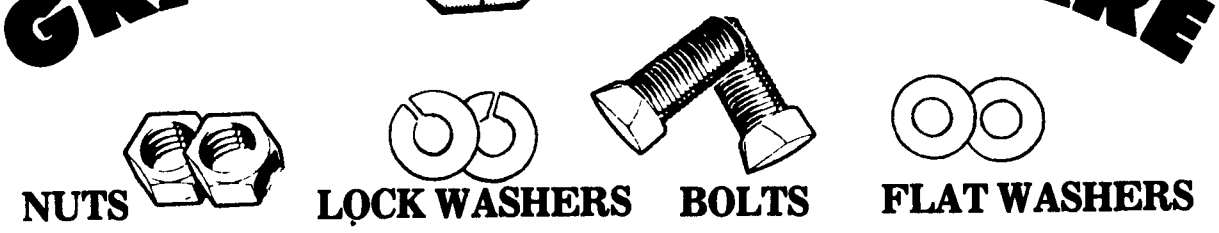
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By
Glenn A. Shirk

Extension
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To accomplish this, let's focus our efforts on a few areas of management.

Potassium and Salt. Keep the ration balanced for summer conditions. Cows lose more potassium and sodium in summer. Therefore, increase the minimum levels of potassium in the ration dry matter to 1 to 1.5 percent. Salt levels should be 0.5 to 0.7 percent of the total ration dry matter, even when sodium bicarbonate is used.

Buffers. Include buffers at the rate of 0.8 to 1 percent of the ration dry matter. This may be in the form of sodium bicarbonate or sesquicarbonate, magnesium oxide, etc. The average cow may need about five ounces of bicarbonate plus two ounces of magnesium oxide per day. Heavier producers may need six ounces of bicarb and 2.5 ounces of magnesium oxide. The uses of magnesium may help to improve depressed fat tests. To reduce palatability problems, mix the buffers with other feeds and start the cows off at ½ of the recommended amount.

Water. Cool water can help to reduce body temperature and respiration rate. The effect is temporary, so water should be readily available at all locations. It's your cheapest feed — and coolant.

Misting and Evaporative Cooling. Dairymen who are installing misters and fans over the bunk area are experiencing good results. The goal is to wet the cows, but to avoid excessive dripping. Wet, sloppy udders can increase the incidence of coliform mastitis. Fans blowing air through the mist and over the cow's wet body cools the cow and the air in the area by evaporation; the evaporation also helps to reduce dripping. If cows are really panting, you'd better turn them out and put the hose to them periodically.

Shade can be provided in many ways: trees, barns, netting and "roofed" areas. Be careful the shaded area does not turn into a sloppy hole. Allowing at least 50 square feet of shaded area per cow, good drainage, raised mounds, solid-surfaced areas and relocating portable shades will help. Nettings stretched over feedlots have also helped; putting them up, keeping them up and keeping them repaired can be a challenge though.

Ventilation. If barns are depended upon to provide the shade, make sure they are very well ventilated and breezy. Open up the ridge caps, gable ends, eaves and side walls of pole sheds; the more openings, the better.

Avoid low, flat roofs; the heat that radiates down from the roof is intense and there is no room for hot air to move up and away. Insulating the roof may help, if you can keep birds from picking at it.

If necessary, install fans to create a breeze over cows — particularly over the head and shoulder area. In a tie-stall barn, this may require one ceiling fan for every 8 to 10 cows; that's a lot of fans — and noise.

If you are relying on exhaust fans and air inlets to do the job, you need to move 400 to 600 cubic feet per minute per 1,000 pounds of body weight. For these to work, the doors and windows need to be kept closed so the fans can pull a vacuum and bring air in evenly through the inlets.

Barn windows act like greenhouses. When the sun hits them, heat can get in, but it can't get out — unless the fans pull it out. I've been informed that one dairyman had good results by erecting a shade over the stable windows — similar to putting awnings on a home.

Appetites. Digesting forages is work, and it creates body heat. That's one thing cows don't need on hot days, so they tend to prefer grains, which are lower in fiber, over forages. The result can be acidosis, off feed, low tests, etc.

Keep the ration well balanced so cows make the best use of the feeds they do consume. Feed during the cooler hours of the day; this is especially true for forages. Feed good quality forages; it helps to improve the digestibility of the entire ration, and they tend to produce less body heat since they are easier to digest. Add buffers to help maintain appetites, proper rumen pH and fat tests.

Feed frequently, especially if large amounts of grain are being fed. Cows tend to eat more if fed at the bunk. Total mixed rations will probably improve intakes and feed efficiency, and reduce the need for feeding frequently.

Fresh Feed, Clean Bunks. It's very important to keep feeds fresh, and mangers and bunks clean! Have shade, cool water and a comfortable resting place near the feeding area.

Minimize Cow Activity and Stress. Work the cows as little as possible during the heat of the day; don't make them walk long distances to pastures, water and feed. Reduce the amount of time cows stand on concrete in hot, crowded holding pens; give them plenty of air and reduce the size of the group being held for milking.

Call Me. If you are successful in completing all of this, call me; it sounds like the good life! I hope your cows will enjoy it and reward you well for all your efforts. If it helps, just remember that cooler days are only a few months away.

Alfalfa Tips

Breaking Alfalfa Yield Barriers

John Baylor, Penn State Agronomy Professor Emeritus, recently published in *Crops and Soils* magazine, the practices used by top Pennsylvania alfalfa growers to get high yields. These growers recorded 10 percent moisture hay yields of 10.7 tons in 1981, 10.2 in 1982 and 1984, and 10.4 in 1985, all without irrigation.

Establishment - A majority of the top yields were made during the first full harvest year after seeding. They were for the most part, from stands seeded in the spring without a companion crop. For the majority of these fields, a herbicide was used to control weeds at establishment. Many top growers also used an insecticide at seeding.

Harvest - Over a five-year period, all top growers made at least four cuttings per year and several harvested five times. In an area where three cuttings per year has been common, this move to more frequent harvests indicates the potential of more intensive management for high yields of high quality forage. In a four-cuttings-per-year schedule, with the first cutting at late bud to early bloom, cutting intervals of about 35, 38 and 45 days after cuts one, two and three, respectively, were typical.

Storage - Over a five-year period, 47 of the top 50 growers stored at least one cutting as silage with 22 ensilaging all cuttings. Many authorities agree that a good silage program is one of the keys to producing 10 tons per acre.

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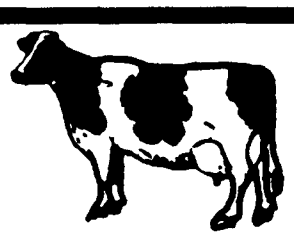

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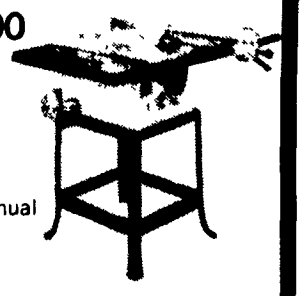

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Major Dairy Sales And Dispersals Nationwide

The report from one sale for the week of June 25 to July 1 follows.

HOLSTEIN

The KITT-VALLEY MILKING HERD AND BRED HEIFER DISPERSAL held in Wisconsin averaged $1,558 on 68 head.

Topping the sale was a fresh 3 year old sired by Chairman. Classified VG-88, she sold for $5,250. In her first calf lactation she produced a record of 18,507 milk and 709 fat in 365 days.

Her dam, a VG-88 Lester daughter, produced a best effort of 873 pounds of fat. The dam classified 3E-91 with 767 pounds of fat. The third dam scored VG-86 with 832 pounds of fat.

The second best price of the sale, $3,800, came on a 6 year old daughter of Sunset View Wonder. Classified EX-90, she will freshen in October with a Count calf. As a 4 year old she completed the top record of 24,250 milk and 879 fat in 352 days. In 275 days, her in progress record stands at 20,377 milk and 706 fat.

Her dam, VG-87, completed a top effort of 24,280 milk and 959 fat with a lifetime record of 112,000 milk.

The young owner of Kitt-Valley Holsteins dispersed his herd due to health problems caused by contact with herbicides. He plans to keep young calves and return to full-time dairying.

Tom Morris served as auctioneer and co-managed the sale with Jim Hoskens.

NATIONAL DAIRY COW SALE INDEX

©1987 Lancaster Farming Newspaper

This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	925	1049	1100	1008
Pennsylvania	720	623	539	894
Four previous weeks:				
Nation	1634	—	—	947
Four previous weeks +/-year to date:	709 higher	—	—	61 lower

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2043	1923	852
Pennsylvania	1937	2837	744
Four previous weeks:			
Nation	2314	—	912
Four previous weeks +/- year to date:	271 higher	—	—

Contest Seeks Low-fat, Low-Cal Recipes

HARRISBURG — Tradition took a back seat this week as the Pennsylvania Dairy Promotion Program launched a low-fat, low-calorie dairy recipe contest.

In past Pennsylvania Dairy Promotion Program contests, no limit was placed on either fats or calories.

"But no more," PDPP board chairman Jim Harteis said in announcing the statewide 1987 contest. He said use of low-fat dairy products is required in the new contest.

"Housewives told us they're counting calories and we listened," Harteis said. The Ebensburg dairyman heads an advisory board of 21 milk producers.

This year the judges will be counting fats and calories. The grand-prize winner will receive $1,000, double the top award of the 1986 "Make it with milk... and other dairy products" recipe contest.

Harteis emphasized the contest is limited to Pennsylvania residents and only main dish recipes will be accepted. All entrees must feature at least one low-fat dairy product as a main ingredient.

The contest closes Oct. 31, with a cookoff scheduled at Harrisburg on Jan. 11, during Farm Show Week. Extension Family Living Agents will conduct the preliminary judging, and a panel of chefs, food editors and nutritionists will judge the finalists.

The judges will score the recipes on effective use of low-fat dairy products, taste and visual appeal, originality and creativity, ease of preparation and nutritional quality. In the cookoff, contestants' skill in preparing and describing their recipes also will be considered.

This year's contest is cosponsored by the Pennsylvania Dairy Promotion Program and The Penn State Cooperative Extension Service.

Rules and an official entry form may be obtained by writing to "Make It With Milk Contest," Pennsylvania Dairy Promotion Program, 2301 N. Cameron St., Harrisburg, 17110-9408, or by phoning 717-787-6903.

Dairy Workshop Set

NEWARK, Del. — A training workshop for 4-H and FFA youth who intend to show dairy cattle at the Delaware State Fair will be held Saturday, July 11, from 10 a.m. to 8 p.m. at the University of Delaware farm on Route 896 south of Newark.

The morning session will focus on fitting, with each youth assigned a calf from the university dairy herd to clip and groom. After lunch, participants will be coached on how to show their animals properly — again working with the calves. Following a break for swimming at the university's outdoor pool, a mock dairy show will be held and each contestant will be evaluated on his or her performance.

There is no fee to attend the workshop, but bring a bag lunch, as well as a swimsuit and towel. Participants and their families are also encouraged to bring a covered dish and stay for supper after the workshop ends. For further details, call extension dairy specialist Dr. George Haenlein at 451-1333 or farm superintendent James Wolfer at 451-2503.

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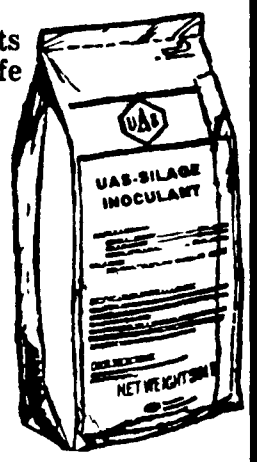

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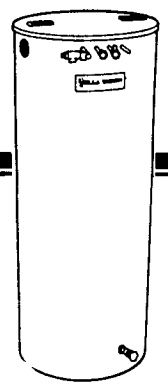

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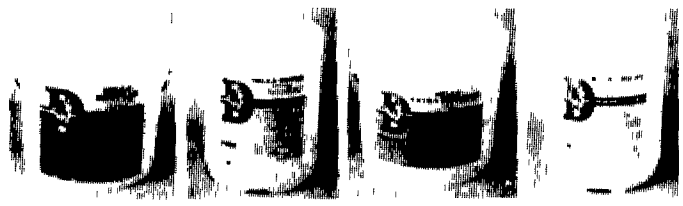
See Your Dealer For Details



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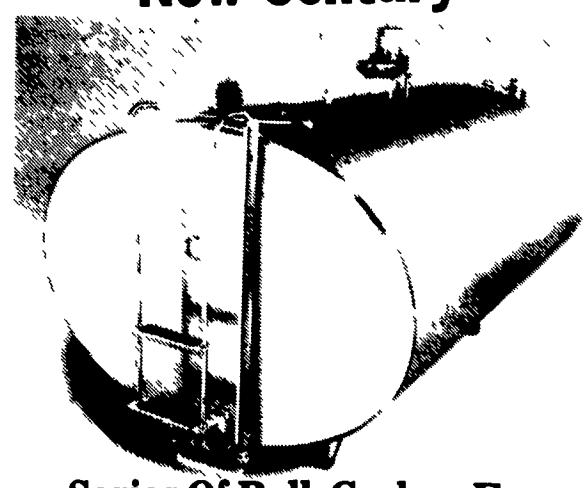

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Consider Weather Before Spraying Or Spreading

NEWARK, Del. — Farmers should consider weather conditions before applying fertilizers, manures and pesticides, says J. Ross Harris Jr., University of Delaware extension environmental quality specialist. By doing so they can help prevent land, water and air pollution.

"Knowing when heavy rainstorms are expected may help you keep valuable chemicals and manures from washing into nearby streams or prevent nitrogen from leaching out of the root zone toward the water table, increasing pollution while robbing you of potential profits," Harris says.

Changing air temperatures can lead to another problem--unpleasant odors--especially at night. On clear, cloudless nights the earth's surface cools faster than the air layer above, he explains. This creates a temperature inversion that traps atmospheric pollutants close to the ground. These conditions generally occur in the fall.

Under inversion conditions, smoke and odors from manure applications may spread over several square miles. Once the sun warms the ground, these pollutants will dissipate, so it's best to spread manure in the morning.

Wind can be a mixed blessing. Though it disperses odors, it can create other problems. As wind speed increases above 5 miles an hour, drift from both aerial and ground sprayers will occur. To keep this from happening, Harris advises producers to spray early in the morning or in late evening when the wind is more likely to be calm.

Because wind also affects the spread of odors from field-applied animal wastes, it's a good idea to apply manure when the wind is not blowing toward nearby homes.

"If your animal or poultry operation is in a semi-rural area," the specialist says, "also try to avoid spreading manure on weekends or holidays during the warm months." People are often involved in outside activities then and may complain about odors. A little neighborly consideration in the timing of fertilizer applications can make life much more pleasant for everyone.

"Wise use of weather information in the daily planning of farm operations can help minimize such environmental problems, increase the potential for larger profits and maintain your respected position in the community as a farmer," Harris concludes.

AGRICULTURE

30 YEARS AGO
THIS WEEK

-Warm weather during the week ended July 1 helped crops and provided good working conditions for farmers over most of the Keystone State, the Pennsylvania Department of Agriculture said Wednesday.

Although the western portion experienced high winds and as much as two inches of rain as a result of the final days of Hurricane Audrey, little damage occurred.

-Now Is The Time... To Spray Alfalfa Again... To Fish Out Bluegills... To Clip Pastures... To seed Piper Sudan Grass.

-Tomato harvest is in full swing now in the Washington Boro area. Here Clayton Charles, R2 Lancaster, brings in a few cases of early tomatoes. Inspecting and weighing is Edward C. Kraft, 200 Ruby St., Lancaster. This is the first year that Charles has grown tomatoes. He says that he is having little trouble with them, other than learning some of the nicetieis of grading.

-Aircraft surveys of Pennsylvania woodlands threatened by oak wilt fungus were underway Tuesday, the State Department of Agriculture announced.

The surveys, which will continue until early September, will include the entire state. Most of the infection is concentrated in the south-central counties, Dr. Thomas L. Guyton, director of the Bureau of Plant Industry, said.

-Cut flowers after they've stored up a good supply to last them for awhile. The only food supply for cut flowers is the sugar stored in the stems and leaves. And flowers store sugar only in the daylight. So-cut them after they've had several hours of sunlight. The best time is the late afternoon or early evening — not during the heat of the day.

-Reports of cattle killed from eating wilted wild black cherry leaves today prompted the State Department of Agriculture to warn farmers of the danger.

-Livestock feed has supplanted fermentation alcohol as the primary market for molasses, according to a report issued by the U.S. Department of Agriculture.

A survey was made of 227 firms that produced more than a fourth of the mixed feed reported by the industry. Expansion in the use of molasses in mixed feeds has been due primarily to its use in more mills rather than to an increase in the proportion used in the feeds mixed by mills already using molasses. Nearly all of these "new" mills were small-volume firms which had only one or two mixing plants.

DOES THIS MAKE SENSE?

Take the same money that you would use for killing bugs — use it for prevention — which is proper fertilizer. You do 2 things with the same expense and you do not pollute your neighbors water who you need to love to be saved. And you do not poison your soil life. Dead soil makes crops subject to bugs and disease. The creator sends bugs to devour unhealthy plants. Bugs are scavengers. They don't like crops that are rich in minerals and sugar. They leave them for you and your livestock to eat. Wise plan! Wise Creator!

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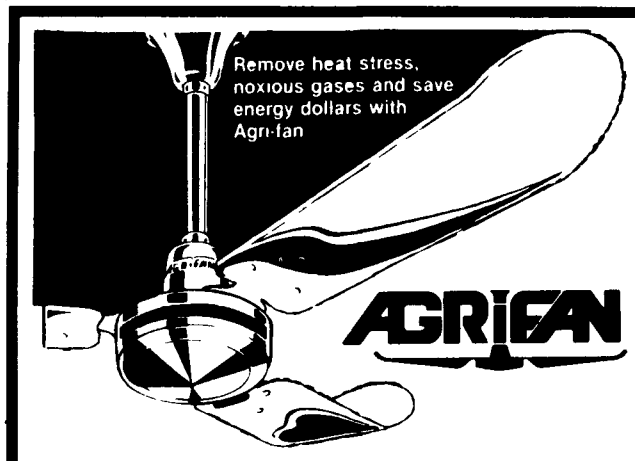

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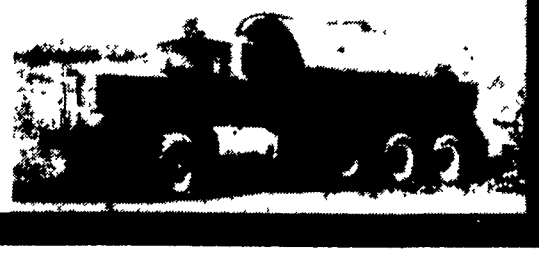

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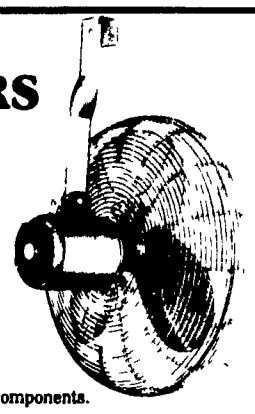

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McGregor Dairy Farm

(Continued from Page A27)

hand with milking chores, shuffling to fit work schedules around diverse activities.

"Our 1 a.m. and 1 p.m. milking times allow us to attend every meeting we can," says McGregor, only half-jokingly.

Feeding Program

Feeding a total mixed ration is part of his game plan to keep herd stress minimal and cows in peak health. Aim is to maintain the nutritive blend of forage and energy as steadily as possible. The mix is fed twice daily during warm weather, perhaps only once during coldest days.

Cows go on the TMR immediately at freshening, with the 190 head of heifers fed according to the facilities in which they are housed. Breeding age heifers do get a partial diet of TMR. As heifers reach breeding age, they are moved to a section of the freestall complex adjacent to the milking and holding area, where heats can be more readily observed.

Best quality hay goes into small bales, with lesser quality rolled into large, round ones. All fermented forages go in trench storage, with the uprights saved for high moisture grain. Protein level on the spring forage blend went to 18.6 percent, while 12 percent is more the norm on grass-alfalfa mix. By feeding daily off the open face of the trench, a cross section of the total supply, Ralph figures forage is more consistent than when working down through an upright filled with cuttings of varying quality.

Raw bean meal and distillers grain add protein and energy to the TMR, with beans fed at the rate of two pounds per head during winter months. McGregor cropped beans last year for the first time for herd rations, and is expanding bean acreage this year on additional rented land. High moisture corn, barley and some oats go in the blend as well.

Expansion is likely to continue at McRal. McGregor pinpoints 300 head of milkers as the optimum number to most efficiently use the dairying complex and increasing acreage in the operation. And, a better heifer facility is a top priority in the near future.

Incorporated into McGregor's goals has been the planned use of credit.

"We started with basically nothing and have treated credit like any other farm tool or equipment, utilizing it only as really needed," he notes.

Not initially familiar with the Farm Credit system, McGregor began working with the ag lending cooperative in 1980, when their programs meshed with some refinancing at McRal. The following year he was elected a director for York's Federal Land Bank.

"Because the system is owned and operated by farmers, we should be able to suit our credit needs better than anyone else," says McGregor of Farm Credit. And while he predicts some financial bouying of the system with federal funds, McGregor believes that Farm Credit can again wean itself from aid, just as happened when the lending cooperative was established.

He sees the Baltimore District as a key one to the future of agriculture in the East.

"We have the markets here, weather conditions favorable to agriculture, and we need a proper credit system with the proper philosophy to work within the area," McGregor continues. "We need people on the district Farm Credit board who look at the total ag picture as it meshes with our high population of consumers."

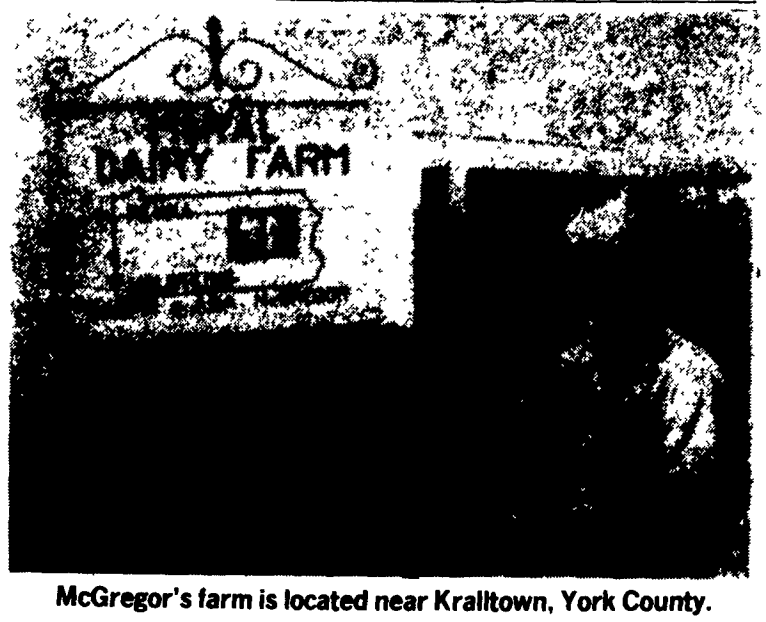
"Farmers are competing with urban sprawl, one of the most important farm issues today," adds this long-time, land use planning advocate. "We need to control development to grow, but need to do it in a way and a place conducive to the successful continuance of agriculture. After all, ag provides a lot of the jobs for the area's expanding population."

Increased participation on the Farm Credit district board is a relatively new goal for McGregor. Firm support of his goals by his family, and "excellent employees," make it possible for him to be away from the dairying complex the amount of time his election to the district board would require.

"I could stay home and have a 'perfect' operation, but what good is that if the rest of the agriculture system is neglected?" says McGregor, of his personal belief in agriculture involvement. "It's necessary to give some of your time for the betterment of the larger system."

In addition to his Farm Credit activities, McGregor is president of the Dover Area School Board and has been president of the Atlantic Dairy Cooperative local. He serves on PFA's Land Use committee, the York Extension Public Affairs committee, Washington Township's Planning Commission, and the Pennsylvania Department of Agriculture's Cooperative Director School Advisory committee.

Baltimore district Farm Credit stockholders who wish to nominate McGregor to the board candidacy should return their official ballot before July 31, with the following information: Ralph H. McGregor, Box 169, R1, East Berlin, PA 17316, phone 717/432-9586.



McGregor's farm is located near Krailtown, York County.

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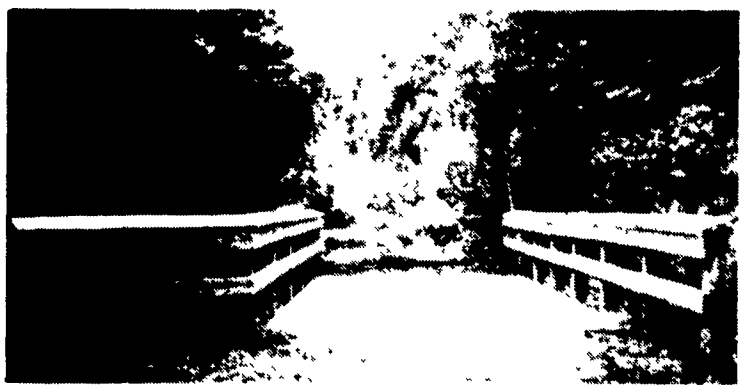

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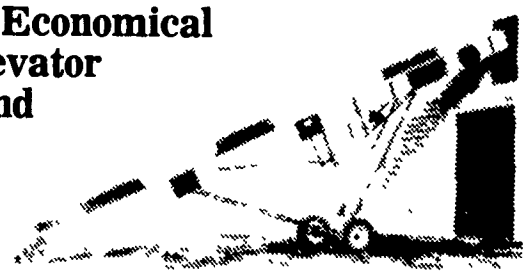

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200 Years Ago

1787 Agriculture Showed Similarities To 1987 In Exports And Labor

BY DOUGLAS E. BOWERS
USDA ECONOMIC RESEARCH SERVICE

WASHINGTON — As part of USDA's observance of the Bicentennial of the U.S. Constitution, here are some facts about American agriculture in 1787, the year the Constitution was signed.

Farm Population

A picture of America in 1787 would show a nation of farms and small communities spread along the Eastern seaboard.

The 1790 Census showed that about 90 percent of all Americans in the labor force were farmers. Only about 5 percent of the population, 202,000 people out of 3.9 million, lived in urban areas, towns of 2,500 or more.

The large farm population probably explains the high average household size of 5.79 people in 1790, the highest of any census. The population was young and the birthrate high. In 1800, when more detailed population figures began to be kept, the median age was 16 and the birthrate 55 per 1,000 — also the highest census figure.

The settled area extended westward an average of only 255 miles from the East Coast.

The population in 1790 was centered in the older states, with Virginia being the most populous. Racially, 3.2 million Americans were white, 757,000 were black, mostly slaves living in the South. Ethnically, 78.9 percent of the white population was of British or Irish origin, and 8.7 percent came from German areas. Some states had large concentrations of certain groups: Pennsylvania was one-third German, New York and New Jersey about 17 percent Dutch.

Farm Production

Total income from agriculture was $286 million in 1800, the first year for which figures are available. This was 39.3 percent of national income. At that time each farm worker grew enough food for about four other people.

It took about 373 hours of labor for a farmer to produce 100 bushels of wheat, 344 hours for 100 bushels of corn, and 601 hours for a bale of cotton.

Yields per acre were 15 bushels for wheat, 25 bushels for corn, and 154 pounds for cotton. Cotton production in 1790 was 3,000 bales, but the advent of the cotton gin in 1793 caused a sharp rise in production to 73,000 bales by 1800. Production for other crops in 1800 was 160 million bushels of grain products, 22 million bushels of wheat, 107 million pounds of tobacco, and 300 million board feet of lumber.

agricultural tools, though most small tools were made by village blacksmiths.

Methods of Farming

American farming techniques differed widely from European techniques, and often varied considerably between regions and ethnic groups. In Europe, land was scarce and labor plentiful, so agriculture was intensive. Farmers often lived in villages and farmed multiple strips of land in the Medieval style.

In America land was plentiful and labor scarce. American farmers often cared little for preserving the land, because it was easier to find new land than to try to restore worn out fields. Thus, farmers here were spread out across the land on individual farms; exhausted fields and virgin woodland stood next to cultivated fields.

Not all Americans farmed this way, however. Certain ethnic groups, like the Germans, remained closely-knit in the New World and brought with them careful farming methods, such as the use of manures. Old sections of New England kept a modified version of the European village.

Farmers usually produced nearly all their own food, but specialization had already appeared in areas with ready access to markets. New England produced much livestock and corn; the middle states grew a great deal of wheat as well as cattle; Maryland, Virginia, and North Carolina supplied tobacco; South Carolina and Georgia grew rice and indigo. Southerners were only beginning to try cotton.

The era of turnpike building took place during the first half century under the Constitution; the roads improved communication and commerce between the settlements, offering farmers better access to markets. For example, the first such turnpike, from Philadelphia to Lancaster, was opened in 1794.

The flour mills in Pennsylvania, Delaware and Maryland were among the most advanced in the world. In 1780, Oliver Evans had invented a flour mill that operated automatically.

Farm labor was always scarce in America in relation to the amount of land available. Most farmers relied on family members to do all the work of the farm. The South developed its own distinctive form of agriculture—the plantation system—based on slave labor. Because of the labor shortage, Americans had an interest in adopting labor-saving technology, but in 1787 the typical farmer still worked the way his ancestors had.

Most farmers did only haphazard rotating of crops, seldom fertilized, let their animals run loose, and showed little inclination to try new varieties of plants or livestock. Farm machinery was only beginning to be improved; farmers continued to use wooden plows pulled by oxen, which barely scratched the surface.

Nevertheless, efforts by leading farmers to improve agriculture were getting under way at the time of the Constitution. In 1785, the nations first two agricultural societies were formed, the Philadelphia Society for the Promotion of Agriculture and the South Carolina Society for Promoting and Improving Agriculture and Other Rural Concerns.

Some of the leading political figures were also leading agriculturalists. For example, Benjamin Franklin had sent back soybean seed when he was Ambassador to France in 1780, although it did not succeed as a major crop until over a century later. Among Thomas Jefferson's innovations was a moldboard plow

(Turn to Page A39)

Table 1 shows how labor requirements have changed since 1800.
Table 1. Labor Required to Produce Wheat, Corn and Cotton.

	(Hours)			
	1800	1935-39	1955-59	1980-84
Wheat (100 bushels)	373	67	17	7
Corn (100 bushels)	344	108	20	3
Cotton (1 bale)	601	209	74	5

The increase in yields for wheat, corn and cotton is shown in Table 2.
Table 2. Yields per acre of wheat, corn and cotton.

	1800	1940	1960	1985-86
Wheat (bushels)	15	15	20	34
Corn (bushels)	25	29	55	118
Cotton (pounds)	154	253	446	630

Foreign Trade

American trade still resembled that of the colonial period — Americans exported raw materials and imported manufactured goods. This trade was extremely important, as nearly all income to the federal government came from import tariffs until the War of 1812.

In 1790 the United States exported $20 million worth of goods and imported $23 million. A negative balance of payments was the norm for this period, and it was not until agricultural exports picked up in the 19th century that the balance of payments approached equilibrium.

Exports were very heavily agricultural — principally tobacco, rice, indigo, wheat, flour, naval stores. Tobacco was, by far, the leading export with 188,000 hogsheads, containing roughly 800 pounds of tobacco each, being sent overseas in 1790. That year the United States also shipped 74 million pounds of rice and in 1791 it exported 3.8 million bushels of wheat and 1.7 bushels of corn. Imports included some

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RENTZEL'S AUCTION BARN
THURSDAY, JULY 9, 1987
3:00 P.M.
FURNITURE, HOUSEHOLD, GUNS & JEWELRY
LOCATED: 1-1/10 miles North of Manchester, Pa. Along Rt. 181 turn right at Gray Rock. Watch For Signs!
Usual run of household goods, furniture & misc.
7:00 P.M. GUNS
Weatherby MK left hand 300, Weatherby Mag w/B&L mts, Savage model 24V-A 222/20 gauge w/1x-4x Redfield scope, H&R model 058 12 gauge, Westernfield model 550 E 410 gauge, Remington model 572A 22 cal w/4X Redfield 22 scope, Remington model 572 A 22 cal (Alloy receiver w/bronze, nickel) Ranger B/A 22 cal single shot, Springfield military model 1898, Ithica double bbl 12 gauge, Winchester model 94 32 win Qctagonal bbl Mossberg model 500 ATR 12 gauge, Ruger "Single-Six" single action 22 LR pistol, Astra model 200 Firecat 25 cal pistol, OWA (Austrian) clip-fed 25 cal, Baush & Lomb "Balvar 8" 2 5-8X scope, Bushnell "Custom" 4X 22 scope, Sans & Steiffe 7x35 binoculars
7:30 P.M. JEWELRY
Ladies solitaire diamond ring w/160 pt diamond VVS1, G scale mounted in platinum, loose diamond 28 pt VS1, J scale, 4 loose emeralds, ladies ring w/15 pt diamonds in 18 carat setting, 14 carat fillagree ring w/synthetic stone
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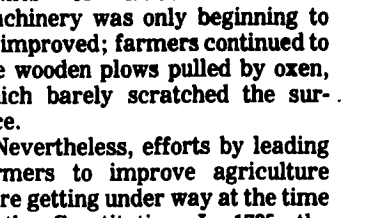
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250	31	$4,195
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420 AN 4WD	57	$11,280
611 C w/rollbar	65	$11,385
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525A	70	$11,995
562	70	$13,679
820 4WD	85	$13,995
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M-F 8-8, Sat 8-5

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at Visscher Farm Rt. 282 1½ miles south of Nichols, N.Y. 20 miles north of Towanda, Pa. via Rt. 187.
SATURDAY, JULY 11th
@ 10:30 A.M.
Now taking consignments for this annual sale. The market is strong for large horsepower tractors as well as the smaller week-ender tractor; balers, rakes; tedders; and wagons are also in demand. Let us bring both seller and buyer together.
For more information call:
SALES MANAGER & AUCTIONEER
HOWARD W. VISSCHER
607-699-7250 NICHOLS, N.Y.

POOL PUMP SALE
See EECO Ad Pg. C-34

Storm Inflicts $6 Million Damage On Lancaster Farms

(Continued from Page A1)

temperatures reached 94 degrees.

One person was killed in the storm when her house roof collapsed.

An estimated 100 farm buildings were damaged or destroyed in addition to silos and farm equipment. Approximately 600 acres of corn and 20 acres of tobacco were damaged in addition to other undetermined crop acreages Hidden cost to farmers as a result of the storm is decreased quality of standing crops and stress to production animals.

One of the hardest hit farms in the storm's path was Ken-Nel Farm, Lititz. Owned by Ken and Nelson Stoner, the dairy farm suffered damage to each of the 16 buildings, including the family's homes, located on their two farms. Ken noted that at this point it has been difficult to place a dollar value on their losses. He commented that on Tuesday afternoon when he looked up and saw the clouds moving in two different directions, he knew there were going to be problems.

Gerald Keller, a livestock farmer located north of Lititz, experienced losses to his beef barn. However, the poultry houses located 150 feet away were untouched with the exception of a few lifted pieces of tin. He pointed to a large tree in front of his house with pieces of roof stuck in its branches like misguided kites. Keller noted the tree saved his house from damage.

The day after the storm the County was alive with the sounds of chainsaws as home owners, farmers and friends began cleanup efforts. As one observer noted, "I don't think I've ever heard so many saws on one day." Farm lanes were jammed with vehicles in the early morning hours as friends rallied in the spirit of cooperation. Keller noted that he expected to have his beef barn rebuilt by the end of the week.

Area 14 Dairy Of Distinction Farm Awards Given

BEDFORD — A dinner to honor the Dairy of Distinction farm winners in District 14 was held Wednesday evening at the Arena Restaurant here at the Pennsylvania turnpike entrance. The area chairman Dan Will made the presentations to the following farms: Bedford County, Daniel G. Smith, Roaring Spring; Blair County, David G. Hileman, Tyrone, and Dale W. Hoover, Martinsburg; Fulton County, Gerald E. Bivens, McConnellsburg; Huntingdon County, Valley Dairy Farm, Gerald E. McMath, Shade Gap; Conrad Farms, Samuel J. Conrad, Warriors Mark; Tannery Road Farm, Carl F. James, Shade Gap; Somerset County, Merle and Mark Mishler, Hollsopple; George C. Stahl, Somerset; Milford Valley Farm, Thomas and Jeanne Walker, Somerset.

After dinner slides from the winning farms were shown, and the farm families introduced. Everett Newswanger, state president, brought remarks from the state program.

200 Years Ago

(Continued from Page A38)

based on scientific principles, which he invented in 1793. George Washington received a jackass in 1785 as a gift from the King of Spain, and began conscious attempt to breed mules in 1786. The value of the mule as a work animal was soon recognized.

Information about agricultural practices began to reach a wider audience in this period. Jared Eliot of Connecticut, one of the earliest students of soil science and agriculture in general, had published his influential "Essays upon Field Husbandry in New England" between 1749 and 1759. This was followed by several other books on American agriculture, including Samuel Dean's "The New England Farmer" (1790), which became a standard text on American agriculture.

Finally, the Old Farmer's Almanac began publication at Sterling, Mass., in 1793, inaugurating a tradition of farm almanacs that provided useful hints on agricultural techniques to ordinary farmers.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

JULY

WED. JULY 8 - 6:30PM Andy Singer Estate, 35 Head Hi Grade Dairy Cattle, Farm Mach., Milking & Barn Eq. Singer Road, Laceyville, PA. Turn off Rt. 6 at Cornell Manuf. go S. to Singer Rd. first farm. Glenn P. Shores & Howard W. Visscher, Aucts.

THURS. JULY 9 - 3PM Furniture, HH, Guns, Jewelry. Rentzel's Auction Barn, 1 1/10 mi. N. of Manchester, PA. Along Rt. 181 turn right at Gray Rock. Rentzel's Auct. Serv.

THURS. JULY 9 - 6PM Maple Lawn Auction, Rt. 113, 1 mi. W. Phoenixville. Exit 23 PA T.P. Downingtown, Chester Co., PA. Furnishings of Local Estates. R.W. & J.T. Rhoades, Aucts.

FRI. & SAT. JULY 10 & 11 - 8:30AM & 9AM Respectively. 39th Annual Keystone Stud Ram & Ewe Show & Sale. At Penn State Ag Arena, State College, PA. Beside the football stadium. Sponsored by: PA Sheep & Wool Growers.

SAT. JULY 11 - 9AM Farm Mach., Tools, Gasoline Engines, Real Estate, HH of Theodore (Pete) Werner, along Lombard Rd. just off Rt. 24 at the traffic light between Red Lion and Longstown, York Co., PA. At the Cape Horn Tack Shop. Charles L. Wehrly and Son, Aucts.

SAT. JULY 11 - 10AM Farm Eq., HH. 3 mis. W. of Rauchtown, PA. Along the Rauchtown-McElhattan Rd. Lycoming Co. Approx. 8 mis. S. on Rt. 44. Earl & Mary Guinter, Owners. Younkin's Auct. Serv.

SAT. JULY 11 - 10:30AM Annual July Consignment Sale at Visscher Farm, Rt. 282, 1½ mi. S. of Nichos, NY, 20 mis. N. of Towanda, PA, via Rt. 187. Howard Visscher, Auct.

SAT. JULY 11 - 10:30AM 2nd Bassett Farm Invitational Sale of 300 Reg. & Grade Holsteins. Hosted by: Bassett Farm, Cambridge, VT. Virgil Bushey, Mgr. The Cattle Exchange.

39th ANNUAL
KEYSTONE STUD RAM & EWE SHOW & SALE
FRIDAY & SATURDAY, JULY 10 & 11, 1987
Penn State Ag Arena
State College, PA
(located beside the Football Stadium)

SHOW - FRIDAY, JULY 10, 8:30 AM
SALE - SATURDAY, JULY 11, 9:00 AM

570 Head Consigned

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For Information Contact:
Keystone Sale
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Phone 412/662-3141 or 662-2323

PUBLIC AUCTION
SATURDAY, JULY 11, 1987
10:00 a.m.

Featuring: Ford 9N tractor; 3 pt. spring tooth harrow; 3 pt. Ford 710 scraper blade; 250 gal. gas pump tank; saw buck; Woods M5 3 pt. Brush Hog; Ford 19-52 crane boom; 3 pt. hitch Ford 2 btm. plow; (2) rubber tired trailers, plus much more.

Also home comfort cook range, furniture, blue decorated crocks, plus many other antiques & collectables.

Located: 3 miles West of Rauchtown, Pa. Along the Rauchtown-McElhattan Rd. Lycoming Co. Rauchtown is located approx. 8 miles South on Rt. 44 from Jersey Shore, Pa.
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35 HEAD HI-GRADE DAIRY CATTLE 35

23 mature milch cows all stages of lactation - some fresh, 6 due July, Aug., Sept. balance year round; 4 bred hfrs. (big); 4 big open hfrs.; 4 younger hfrs.; 1 service bull; 30 day blood & T.B. tested - Preg. examined - Shipping fever - BVD Shots.

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Farmall 400 hydraulic P.S.; Farmall Super "M"; IH 435 baler w/thrower (excellent); IH 1300 3 pt. 7' pitmanless mower; NH 256 rake; IH 2A crusher; Bale King wagon; kicker wagon; flat wagon; Lamco S.U. wagon; 100' mow conveyor system; skeleton elevator; IH 350 for. harv. 1 row corn; IH 16 for. harv.; IH & JD drags; JD F45 3x3 pt. plow; JD 3x trailer plow; IH 2 row corn pltr.; Gehl hi-throw & NH 23 blower; IH 530 manure spreaders; Eurospan Spin Spreader; concrete mixer; buzz saw; fuel tank.

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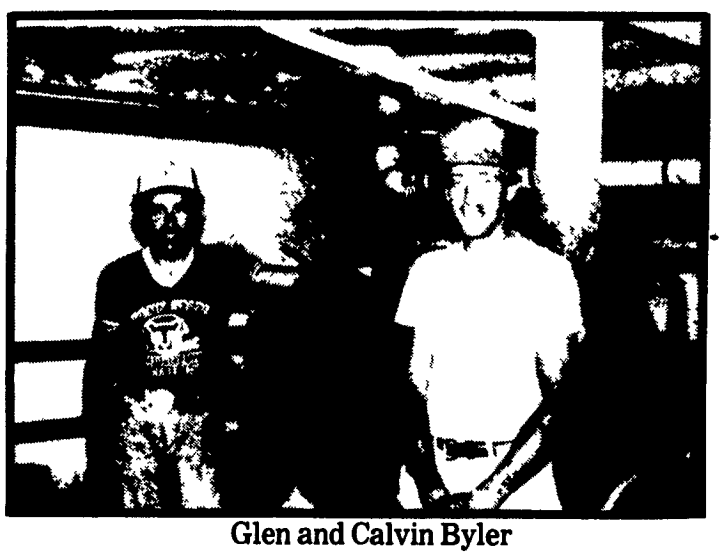

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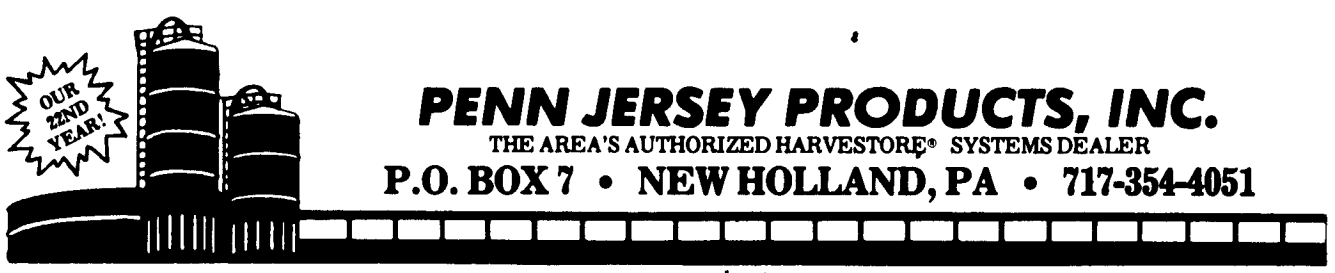

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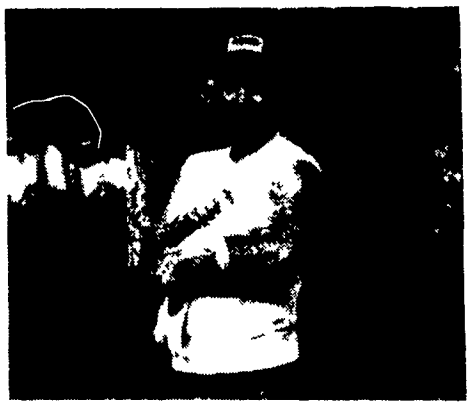
Leon Zimmerman Farmstead
Farrow To Finish On Brown's Feeds

Leon raises 50 sows and almost all their shoats. He runs a three way cross using Duroc, York, and Spotted hogs. He switched from a national brand to Brown's Feeds a little over a year ago because he liked the price. Today he is still with Brown's because he likes the feed performance and the service that Rich Graff, his Brown's sales representative, provides. Leon markets his hogs at 240-250 lbs. at about 6 months after farrowing through a local auction. Buyers like his large meaty hogs which often top the market. Generally, he farrows an average of 10 pigs per sow and weans between 9 and 9.3. Birth weights are good at about 4 lbs. per pig for sows and around 3 lbs. from gilts. He uses his own shelled and/or ear corn plus Brown's 40 Hog Concentrate in his gestation, lactation, grower and finisher group. Leon likes the economics of marketing his corn through his hogs and the way Brown's 40 Hog Concentrate supplements his hogs needs for rapid economical growth and reproduction.

Elton Muth Farm
Farrow To Finish On Brown's



Elton "Chub" Muth's 45 sows are still a part time job, but he hopes to make it a full time business soon. Last year he sold 294 fat hogs at an average weight of 236 lbs. He moves his hogs off the farm about five months after birth using Brown's Pig Starter Crumbles through weaning and then Brown's 40 Hog Concentrate to market. Chub particularly likes Brown's Lac Pac and Gest Pac which are designed to compliment Brown's Hog Supplements when mixed in lactation and gestation rations. He normally weans over ten pigs per sow, but recently weaned 137 pigs out of 157 farrowed from ten sows. Chub likes the economics of the mixes he makes using Brown's 40 Hog Supplement, and is excited about the performance he sees in his gilts, sows, and market hogs.

Randy Hoffman Farm
Farrow To Forty-Five

Pictured with Randy (left) is Carl Reist (right) Brown's Sales Representative

Randy has been using Brown's Hog Feeds for 1½ years after switching from a national brand. His hogs are mostly Yorks and Liskey Large Whites with a few Hamps. Currently he has sixty-five sows and gilts and has expansion to ninety in his future. He markets his hogs at 45 lbs. to a local finishing house. Sows and gilts are on a mix of shelled corn and Brown's 36 Hi E Swine Supplement. This supplement contains 8% high quality fat. Randy feels the high fat supplement helps his sows milk better, hold their weight longer and breed back faster, even in hot weather. Weaning and breeding have never been a problem since he started using 36 Hi E Swine Supplement and he figures he saves $2 to $3/cwt over the supplement he previously used, and is impressed by how consistant the feed is from week to week. In addition, he appreciates the regular service calls that Carl Reist, his Brown's sales representative, makes and the friendly service that Brown's truck drivers provide.

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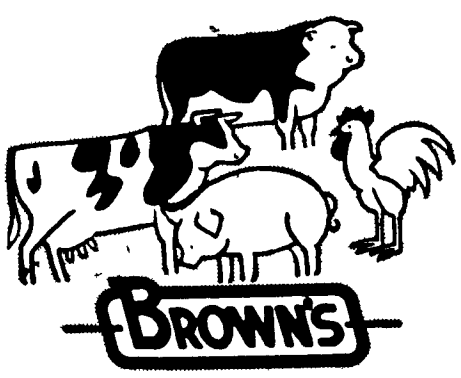

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Rockwood Museum Plans Ice Cream Month Festival

BY SALLY BAIR
Lancaster Co. Correspondent

LANCASTER ~ July is the month of everyone's favorite dessert -- ice cream, and to help celebrate Ice Cream Month, the Rockwood Museum in Wilmington, Del., is holding an old fashioned ice cream festival. The festival is being held Saturday and Sunday, July 11 and 12, from 11 a.m. to 7 p.m. on the museum grounds.

Now in its tenth year, the festival is designed to raise funds the Rockwood Museum by re-creating a turn-of the century festival, replete with games, rides, entertainment, and, of course, gallons and gallons of homemade ice cream.

This year the chairman is arranging to have over 1,000 gallons of ice cream to serve the expected 18,000 visitors. The ice cream is being made by Betty's Restaurant and Ice Cream Parlor near West Chester. In addition to a special flavor created for the festival, nine other flavors will be available that day. A contest is being held to name the special flavor.

The festival is being held to benefit Rockwood, a nineteenth century country estate, which was designed in 1851 and is an outstanding example of Rural Gothic architecture and Gardenesque landscape design.

In keeping with the time period of the estate, the festival is designed to offer a strictly Victorian atmosphere, with music from the period, baby parades, Victorian crafts, hot air balloons, high-wheeled bicycles and other period attractions.

A new part of the 10-year-old celebration will be an exhibit of late 19th and early 20th century ice cream memorabilia, displayed by "The Ice Screamers," a group of collectors dedicated to preserving any items related to ice cream.

Ed Marks, an independent manufacturers' representative to the ice cream industry, consultant, and driving force behind The Ice Screamers, says, "We'll have about eight tables full of stuff."

The "stuff" that will be on display will range from printed material and advertisements and pamphlets, to old ice cream scoops to glassware and milkshake machines.

Ed Marks enjoys playing with a few of his "fleet" of old ice cream trucks. Marks, who is an independent manufacturer's representative to the ice cream industry, is one of the moving forces of the "Ice Screamers," a group of people dedicated to preserving ice cream memorabilia.

Ice cream molds have gone the way of the dinosaur, but they used to be a big part of the ice cream industry in this country. Marks explains that the ice cream was placed in these pewter molds which were then frozen until the ice cream was rock hard. The molded ice cream was removed and hand painted with brushes. The practice came to a halt because it was too labor intensive, Marks speculates.

Marks' interest in this memorabilia began during the year of the country's Bicentennial when he was asked to write an article about the history of ice cream. He quickly realized how little information was available, and decided to "look around and see if I could find some stuff. I got interested and started to advertise in some antique publications for things from the soda fountain and ice cream era."

Gradually he discovered "one or two other guys" who also advertised and in a few years he had found about eight people who were collecting such items. In a few years of such contacts, the group decided they should have a round robin letter to keep in touch and share information, and from that idea a formal newsletter was formed. Marks is editor of the publication, which is sent out every two months, and its circulation is now over 450. He said the subscribers are all people who are interested in collecting memorabilia and studying the history of ice cream.

The newsletter is filled with information, including correspondence from other "Ice Screamers," reproductions of old ads, features and historical information. Subscriptions are $12 for 6 issues a year. Marks' address is P.O. Box 5387, 2733 Lititz Pike, Lancaster, Pa. 17601.

This mug identifies "The Ice Screamers," and is just one item available to these dedicated collectors of ice cream memorabilia.

Ice cream dippers are the most popular collectors' items, according to Marks, and one member of The Ice Screamers, Wayne Smith of Maryland, has written "the definitive book" about ice cream scoops. Complete with many photos, the book is called simply "Ice Cream Dippers," and is a veritable history of the scoops.

Milk shake machines are also favored by collectors, as are old fashioned soda fountains. Of course, Marks is quick to point out that some of these items can only be collected by serious collectors who have money -- sometimes lots of it.

He says he is learning that the biggest fantasy men have is to own a soda fountain. "Everyone wants to have one in the basement. You need to have a lot of money to have one."

Another favorite collection is salesman samples, which are working models of ice cream freezers and fountains which are "perfect miniatures."

Marks has decided to be a "paper

(Turn to Page B4)

Ed Marks has decided to be a collector of "paper" rather than "things," and has an impressive array of books, advertisements, pamphlets and other material dealing directly with ice cream. Here he looks at early instructions for making ice cream

Homestead Notes

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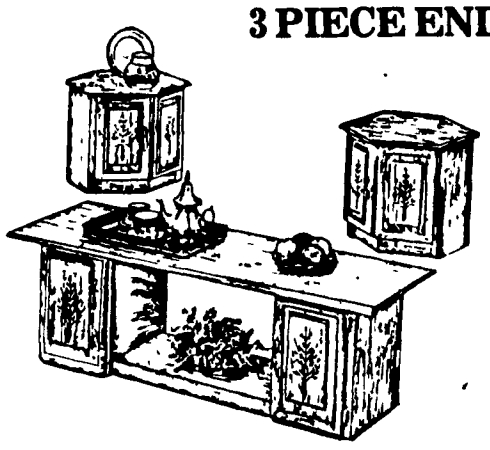

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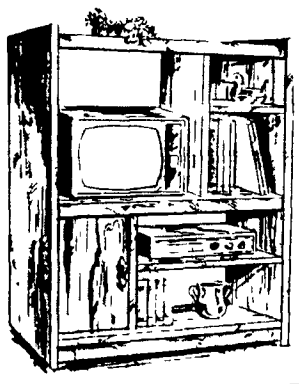

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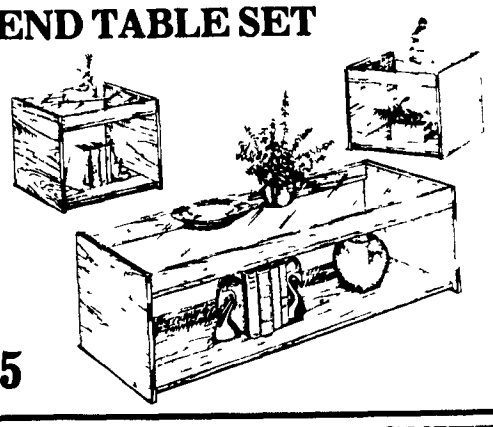

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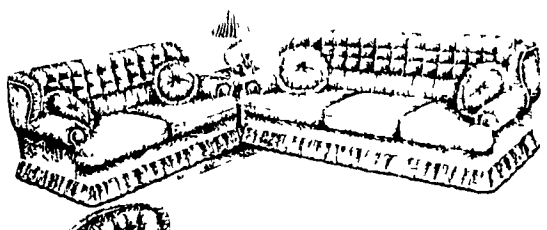

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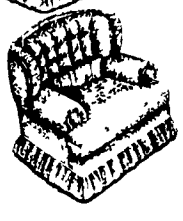

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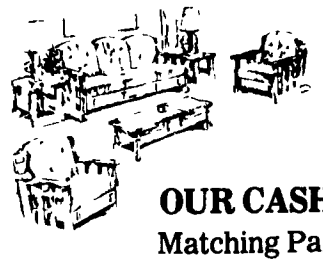

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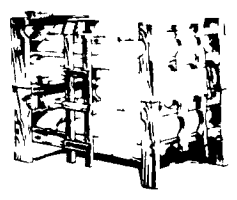

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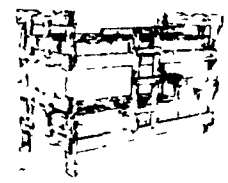

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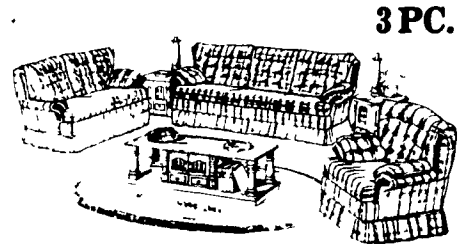

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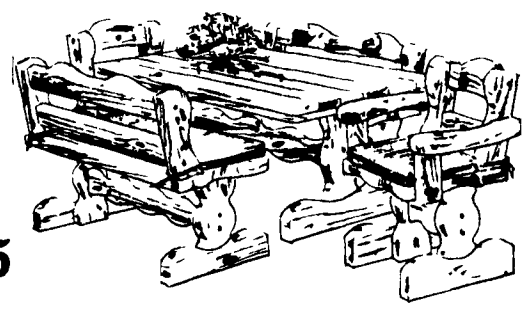

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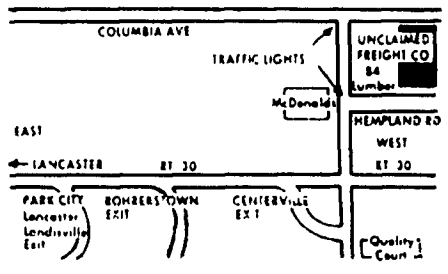

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Ice Cream Month Celebration

(Continued from Page B2)

collector," primarily, he says, because he realized that collectors of "things" need a big home. He has dozens of books about ice cream and ice cream making, including a reproduction of a 1747 cookbook from England that features the first printed recipe in English for making ice cream.

The recipe calls for "two pewter basons, one larger than the other," into which the cream is placed. Marks says it is the "still pot method" which produces a "fairly dense" ice cream because there is no cranking to incorporate air into the mixture.

About his collection, he says, "I have a decent collection of books about icee cream in general. I still hope to put together that elusive general history of ice cream."

Another favorite collectible of these ice cream lovers is hand molds made of pewter, the use of which was discontinued about 1950. Marks explained that the ice cream was put into the mold and frozen until it was "rock hard." Then the ice cream was removed from the mold and painted with a brush using water color." He has brochures and colorful advertisements showing very elaborate molds. The molds were discontinued, he says, because they were too labor intensive.

A popular item among these collectors are Hires Root Beer memorabilia. Marks states that Hires predates cola as a fountain beverage, and it had very ornate fountain dispensers which are popular among collectors. He mentions that ice cream parlors and fountains were family gathering places and the trays used for serving often featured scenes. These trays are popular today.

Pennsylvania and New Jersey remain the best areas to find this memorabilia, though there are members of his group from Oregon and California. Marks explains, "Philadelphia was the ice cream capitol of the country. The industry started in Philadelphia."

One of Marks' and the other Ice Screamers' goals is to find a museum to house all of their historical items. Marks explains, "We are a bit detective, a bit archeologist, a bit explorer and a bit adventurer. But what we really end up being is curators. A lot of what we have is one of a kind, and we buy it because we don't want to see it lost. We're looking for a home." He said many museums are not interested because of the wide time span of the ice cream items, which doesn't fit into the time frame of certain museums.

Another personal "mission" of Marks is to try to have a commemorative stamp issued by the United States Postal Service recognizing ice cream as America's favorite dessert. So far he has received nothing but rejections from the service, but he says jokingly that perhaps it will be considered in the year 2051, the 200th anniversary of the invention of the first hand cranked ice cream freezer.

Of course, Marks is quick to point out that Americans did not invent ice cream. That credit goes to the Italians, and the art was spread through Catherine DeMedici when she became involved with the French and English royal families. Nevertheless, Marks states, "There is a worldwide conception that ice cream is an American dessert."

The Ice Screamers don't just communicate by newsletter. This year they held their fifth annual convention, attended by nearly 60 people. Marks states, "We don't open it to the public. We have exhibits and we buy and trade among ourselves. We compare prices."

One real question remains of this collector of things related to ice cream -- does he enjoy eating it? With a smile Marks says, "My wife says that if I don't have ice cream by 3 in the afternoon I get withdrawl symptoms." He declined to give his favorite ice cream, saying simply that he enjoys it all.

For Marks, the trip to the Rockwood Ice Cream Festival means additional exposure for his group and their interests, plus the chance to lend some authenticity to the two-day event and educate the public on some history.

What with lots of homemade ice cream, the chance to name a new flavor developed just for the event, plus all the fun of a turn of the century get-together, the day should be exciting for all. Mostly, though, it gives everyone an excuse to celebrate July as Ice Cream Month!!

Ida's Notebook

Ida Risser

There are many things ready to be harvested from my garden. I've been picking green beans and wax beans every other day and freezing them. The second crop of peas are now ready and I freeze them also instead of selling them.

The other week I tried to hill-up some ground to plant sweet potatoes, but the ground was so dry and dusty it was a difficult job. Then, when the 75 plants were in the ground, I dragged out my soaker hose and watered them. It is a problem to get it in place without breaking off some other plants that I want.

Both the raspberries and blueberries are ready to be picked. And, I hope to get them before the birds eat them.

And as though my work at home wasn't sufficient, I went to an orchard and picked cherries. Luckily, I was able to find a sour cherry tree that had not been touched and I picked it clean except for the top. You see, I enjoy picking if my two feet are kept on the ground. It took a lot of hunting but I finally found a sweet cherry tree that hadn't been touched and filled our old, heavy milk bucket that is no longer needed at the barn.

Now the 25 quart of cherries that I've canned and frozen will be stored for next fall and winter. They certainly do look nice sitting on the cellar shelf next to last year's pickles.

Today is the 4th of July but I don't expect any fireworks around here. However, I did buy some sparklers just for old times sake as it was the one kind that we had as children.

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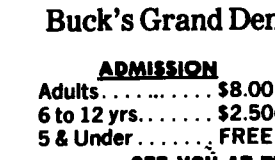

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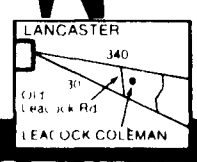

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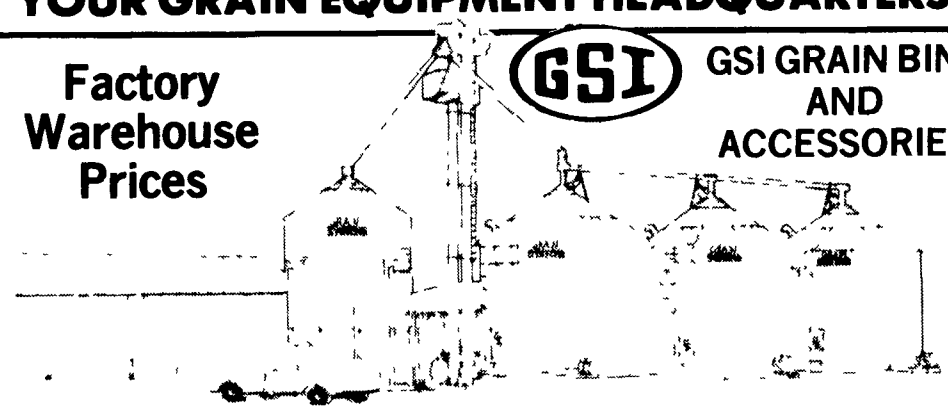

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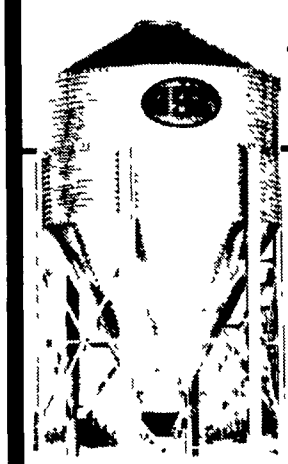

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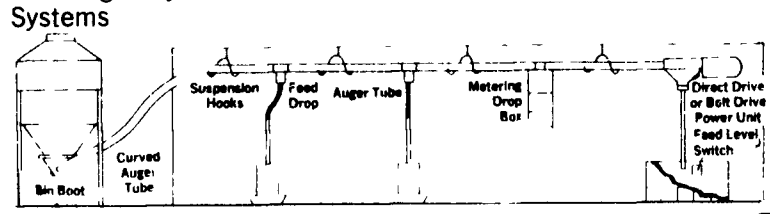

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On being a farm wife - And other hazards

Joyce Bupp

Graduations. Sounds of "Pomp and Circumstance." Sober ceremonies. Touching reflections. Exciting challenges. Visions of glorious futures with new worlds to conquer.

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Actually, graduation is not an adequate description of the process of promoting boisterous bovine juveniles from one growing area to the next.

"Rodeo" would be a lot closer.

Calf "graduations" entail moving weaned calves, each accustomed to her own individual pen, into group-style accommodations. Benefit of that move for growing young calves is more plentiful space and adapting to herd-style life. And they delight in this promotion from playpen-like confinement for individualized care and attention, to heel-kicking, circle-running, large-pen freedom.

Rarely does just one calf get moved. We subscribe to the theory that, when subjecting ourselves to the physical and mental abuse of moving young stock, 'tis best to go for broke and get the whole painful dose at once.

Thus, we have these periodic Mooooooovin Days — our graduations.

This symbolic crossing of the stage takes place across the blacktop which separates the calf nursery from the weanling pens, and generally takes the form of one of two moving techniques.

A calf may steadfastly refuse to lift a single dainty hoof, entrenching each foot firmly in the waffle-like texture of the drive. Any forward movement thus requires pushing, pulling and similar persuasive propellant techniques on the mooovee by the mooover.

On the other hand, — er, hoof — the mooovee may literally fly from her pen when the door is opened and take a lengthy, exploratory, high-speed journey around the farmstead, dragging the mooooover along at the end of her tail.

The ease of this whole graduation process is in direct ratio to the number of moooving helpers on hand.

"You watch the big pen," instructed the Chief Mooover one recent morning, as we embarked on graduation ceremonies. Watching the big pen entails keeping newly graduated calves, embracing this whole process with the same glee as kids freed after a year of school, inside their new home, while the gate stands wide open to receive more classmates. And then jump aside to admit newcomers, but not let those already in, out.

It sounds easier than it is. Trust me.

Keeping one calf confined was a piece of cake. Two was a snap. Three resembled juggling. By the time classmates four, five and six were being sent through, I had lost only one, and she was quickly returned.

"Good job," says the Chief Moover, as he and his assistant run the last calf past me and my trusty guard broom. The six calves are running circles, kicking heels, and investigating every nook and cranny of their new quarters.

I smile, mentally pat myself on the back, and head up to the barn floor to throw down bales for feeding and bedding.

"Aauugghhh, help!" is the next sound heard from the area of the frolicking calves. (Now, you knew that was all too easy.)

While the graduation ceremonies may have gone smoothly enough, visions of bright future and exploring the new world took the form of crawling over the top of the feed trough and exiting by the back door, so to speak.

Reconfinement and the addition of a couple of straw bales — until our graduates learn the parameters of their pen — ended the moooving ceremonies.

They might have graduated.

But they still have a lot to learn.

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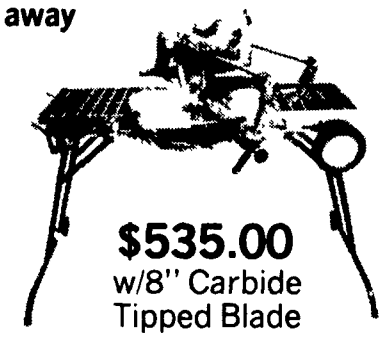

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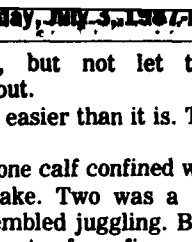

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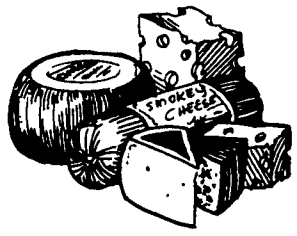
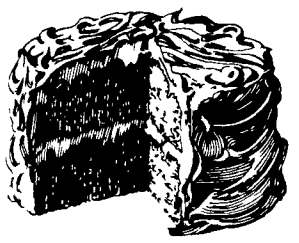


Home On The Range



Dairy Ingredients Add Up To Rich Flavor

The Home on the Range pages during June were filled to the limit with delicious dairy recipes, but even though we published pages and pages of them, we still have just a few more for this week.

Lancaster Farming extends a hearty "thank you" to everyone who sent a dairy recipe and we'd like to encourage you to continue to read our recipe pages and to contribute more of your favorite recipes throughout the year.

As you check out the Recipe Topics this week, you'll notice we've pushed them back a week to accommodate an extra edition of dairy recipes. But it isn't too soon to send your favorite vegetable, fruit and summer beverage recipes.

CARAMEL-PECAN LAYERED CHEESECAKE

1 cup graham cracker crumbs
2 tablespoons sugar
¼ cup butter, melted
3 8-ounce packages cream cheese, softened
¾ cup sugar
2 tablespoons flour
1 teaspoon vanilla
3 eggs
½ cup caramel topping
½ cup chopped pecans
1 tablespoon packed brown sugar
1½ teaspoons butter
1½ teaspoons water
½ cup pecan halves
2 tablespoons caramel topping

Combine crumbs, sugar and butter; press onto bottom of 9-inch springform pan. Bake at 325°F. for 10 minutes.

Combine cream cheese, sugar, flour and vanilla, mixing at medium speed on electric mixer until well blended. Add eggs, one at a time, mixing well after each addition. Reserve 1 cup cream cheese batter; stir in ½ cup caramel topping. Spoon half of plain batter over crust; cover with caramel batter. Sprinkle pecans over caramel layer; spread remaining plain batter over pecans. Bake at 450°F. for 7 minutes. Reduce oven temperature to 250°F.; continue baking 30 minutes. Loosen cake from rim of pan; cool before removing rim of pan. Chill.

Melt brown sugar and butter in saucepan. Add water; bring to boil. Add pecans; cook 2 minutes, stirring constantly. Spread on waxed paper; cool. Brush top of cheesecake with topping before serving.

BACON PINEAPPLE SPREAD

Mix 2 3-ounce packages cream cheese, softened; 6 slices bacon, crisply fried and crumbled; ¼ cup drained crushed pineapple and 1 tablespoon pineapple juice. Refrigerate at least 3 hours. Serve at room temperature. Makes about 1¼ cups spread.

Naomi Blank
Kinzers

CHIP DIP

2 beaten eggs
1½ tablespoons sugar
2 tablespoons vinegar

Mix in heavy saucepan; cook until thickened. Then add 1 8-ounce package cream cheese, softened. Add parsley flakes, chives or chopped onions. Chill. Serve with chips or crackers.

Mary Stoltzfoos
Millerstown

HEAVENLY CHOCOLATE MOUSSE

1 envelope unflavored gelatin
2 tablespoons sugar
1½ cups milk
1 6-ounce package semi-sweet chocolate chips
1 teaspoon vanilla extract
1½ cups sweetened whipped topping

In medium saucepan, mix gelatin with sugar; blend in milk. Let stand 1 minute. Stir over low heat until completely dissolved; about 5 minutes. Add chocolate and stir until melted; beat mixture until well blended. Stir in vanilla. Pour into large bowl and chill, stirring occasionally, until mixture mounds slightly when dropped by spoon. Fold in whipped topping. Turn into dessert dishes or 4-cup bowl; chill until firm. Garnish, if desired, with additional topping and chocolate curls. Makes 8 servings

Mary Nolt
New Holland

LEMON GELATIN CHEESE DESSERT

Mix 1 package graham crackers and 1 stick butter in bottom of 9x13-inch cake pan. Dissolve 6 ounces lemon-flavored gelatin in 2 cups hot water. Cool. Beat well 8 ounces cream cheese. Add 26 ounces evaporated milk and 1½ cups sugar. Beat well. Add gelatin; pour on graham cracker mix. Refrigerate until set.

Lillian Esh
Honey Brook

INSTANT LEMON DESSERT

Mix together:
1 stick butter
1 cup flour
½ cup nuts

Press in 9x13-inch pan and bake 10 minutes at 375°F.

Mix together:
8 ounces cream cheese
1 cup confectioner's sugar
1 package whipped topping, whipped

Place on top of cooled, baked layer.

Mix together:
2 small boxes instant lemon pudding
3 cups milk

Place on top of cream cheese layer. Prepare another pack of whipped topping and put on top. Sprinkle with nuts.

Anna Houser
Lampeter

CHEESE CAKE

2 packages gelatin
1 cup granulated sugar
2 eggs, separated
1 cup milk
1 tablespoon lemon juice
8 ounces cream cheese, softened
1 cup whipping cream

Dissolve gelatin in ¼ cup cold water. Boil sugar, egg yolks, milk and gelatin together for 2 minutes. Remove from heat and add lemon juice and cream cheese.

Beat egg whites until smooth and stiff. Then add whites and whipped cream to cooked mixture.

Graham Cracker Crust:
¼ cup melted butter
¼ cup sugar
1½ cups graham cracker crumbs

Combine all ingredients and pat into bottom of an 11x8-inch pan. Pour cheese mixture on top, then chill in refrigerator until set.

Mary S. Glick
New Holland

EASTER CHEESE

Beat until smooth:
1 quart milk
1 dozen eggs
2 tablespoons sugar
2 teaspoons salt

Add:
1 teaspoon whole cloves or caraway seed

Simmer until it forms large curds. Place in cheese cloth bag and drain well. Place on board or rack with heavy weights on top for several hours or over night.

Mrs. Thelma Garlak
Acme

BUTTERMILK CHEESE

4 gallons whole milk
2 cups thick buttermilk
½ cheese rennet tablet
¼ cup water to soak rennet tablet
3 tablespoons salt

Heat milk and buttermilk to 86°F. (lukewarm). Add rennet tablet dissolved in water. Let soak 1 hour. Cut into half in squares, pour off whey. Add salt and put in press overnight. Refrigerate 2 weeks before using.

Arlene Burkholder
Ephrata

CHOCOLATE ICE CREAM

2 14-ounce cans sweetened condensed milk
2 4-ounce packages instant chocolate pudding mix
2 quarts milk
1 pint half and half cream
½ teaspoon salt
2 teaspoons vanilla

Blend all ingredients togther well. Pour into 6-quart freezer can.

Norma Van Horn
Middleburg

CUP CHEESE

2½ gallons thick sour milk
1½ teaspoons soda
1½ teaspoons salt
½ cup water

Heat milk to 120°F. or until it's too hot to hold your finger in. Drain and allow to stand in bag until the next day. Crumble curds or grind them fine in a food chopper Mix soda through cheese and place it in a crock Cover with cloth and allow to stand three days at room temperature Stir each morning and evening. At the end of the third day, the cheese should appear yellow and gummy and have a sharp odor. Set crock containing cheese in a boiler of hot water. Add salt and water and stir until smooth. Pour into custard cups. When cold, it can be spread on bread

John David Weaver
Mifflinburg

Homemade cheesecake is an exceptional dessert to serve family and friends alike. Among the numerous variations on the classic cheesecake recipe is Caramel-Pecan Layered Cheesecake.

ICE CREAM PIE

Crust:
⅓ cup peanut butter
⅓ cup corn syrup
2 cups Rice Krispies cereal

Cook together. Cool. Put in pie plate and mold into crust. Fill with vanilla ice cream. Before sering, top with cherries, blueberries, etc.

Denise Wenger, Lititz
Mrs. Aaron Huber, Myerstown
Mary Jane Nolt, Peach Bottom
Catherine Yoder, Milroy

BANANA CREAM

5 large bananas
5 teaspoons sugar
1 cup cream
1 package lemon-flavored gelatin
¾ pint boiling water

Peel bananas. Rub smooth with the sugar. Add cream, beaten to a stiff froth. Dissolve gelatin in boiling water. When cold, stir into the gelatin the banana and cream mixture.

Rosella Shirk
Mifflinburg

HOMEMADE YOGURT

Dissolve 1 cup of powdered milk in 1 cup of water. Heat a half gallon cow or goat's milk and powdered milk mixture to 120°F. Don't heat your milk any higher or you will destry the live enzymes in the milk.

Dissolve 1 heaping tablespoon gelatin in 1 cup milk and stir into the milk. Cool slowly to 110°F.

Stir occasionally while cooling to help dissolve the gelatin nicely. Now stir in ⅓ cup plain yogurt. Strain to prevent curdling and pour into small individual containers. Put lids on and set into warm water in a warm place. Let set for 5 to 6 hours. Refrigerate. It will become thick and creamy.

Note: before you put yogurt in conatiner, put a little fruit or honey into bottom of container.

Salomie Glick
Howard

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below please share them with us We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit Send your recipes to Sue Keene Lancaster Farming, P O Box 366, Lititz, PA 17543

July	
11-	Garden-Fresh Vegetables
18-	Refreshing Summer Fruits
25-	Summer Sippers

Featured Recipe

You know for sure that summer is here when local fresh produce hits the market. Among summer's luscious delights are blueberries, those tiny blue nuggets just bursting with flavor.

Here's a recipe for Blueberry Cake from Betty Biehl, a frequent contributor to Lancaster Farming's recipe pages

Blueberry Cake

1 cup shortening
1½ cups sugar
2 teaspoons vanilla
4 eggs, separated
3 cups sifted flour
2 teaspoons baking powder
½ teaspoon salt
2/3 cup milk
½ cup sugar
3 cups fresh blueberries
1 tablespoon flour
Confectioner's sugar

Cream together shortening and 1½ cups sugar Add vanilla and egg yolks and beat until light and flufty. Sift together flour, baking powder and salt Add dry ingredients alternately to creamed mixture with milk, mixing well. Beat egg whites until stiff. Add ½ cup of sugar gradually. Fold into batter. Add blueberries mixed with 1 tablespoon flour. Pour into a greased 9x13-inch cake pan. Bake at 350°F. for 50 minutes or until cake tests done When cool, sprinkle with confectioner's sugar

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Don't Miss Out On Calcium-Rich Dairy Dishes

(Continued from Page B6)

BUTTERSCOTCH PUDDING

1½ quarts milk
1 cup molasses
1 cup brown sugar
½ cup water
1 cup flour
1 tablespoon vanilla
5 eggs

Combine all ingredients and mix into boiling milk. Cook a few minutes until thickened.

Ruth Arlene Weaver
Mifflinburg

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Jeanne Kenna, Ottsville, would like a recipe for Dutch apple jam.

QUESTION - Shirley Waidelich, Kutztown, would like a recipe for the liquid sauce used on barbecued chicken made in an open pit. She also asks if the same taste can be achieved with a gas grill.

QUESTION - K. Pipher of Mt. Bethel would like a recipe for fresh pineapple ice cream.

QUESTION - Irene Haller, Lititz, would like a recipe for homemade cream of pea soup.

QUESTION - Mrs. Ray Keeny, New Freedom, would like to know what can be substituted when a recipe calls for evaporated milk?

QUESTION - V Martin of Springfield, Va., would like recipes to prepare chicken that tastes like Weaver's Batter Fried Chicken and Weaver's Fried Chicken (made with bread crumbs).

QUESTION - Mrs. Stanley Sherry, Berkshire, N Y , would like a recipe for Monks Bread, a raisin-cinnamon loaf

QUESTION - Mrs Ruth Kopp, Tower City, would like a recipe for a jelly roll type of cake filled with sliced bananas and a creamy filling

ANSWER - Jeanne Kenna of Ottsville has been searching for a spinach bread recipe She writes "After weeks of requesting a recipe for spinach bread, I finally found one on my own I'd like to thank everyone who may have searched their cookbooks and recipe box for me and would like to share this recipe with you in case anyone else is interested." Thank you Jeanne for writing to us.

Spinach Bread

¼ cup butter or margarine
1 cup flour
1 teaspoon salt
1 teaspoon baking powder
2 eggs
1 cup milk
½ to ¾ pound Monterey Jack or Muenster cheese, grated, optional
1 10-ounce package spinach, thawed, chopped and drained

Preheat oven to 375°F. Melt butter in a 9x13-inch baking pan. Combine all ingredients, then mix with melted butter. Bake at 350°F. for 30 to 35 minutes. Cool 5 minutes before cutting into squares. Makes 10 to 12 servings.

ANSWER - A. Krause, Schuylkill Haven, requested a recipe for vanilla whoopie pies. This is a commonly requested recipe and was easily located in Lancaster Farming's recipe files. The recipe below was submitted by Mrs. Glenn Love of East Waterford.

Vanilla Whoopie Pies

1 cup oil
2 cups brown sugar
2 eggs
1½ teaspoons vanilla
3 cups flour
1 teaspoon baking soda
½ teaspoon salt
1 cup sour milk

Cream oil, brown sugar and eggs Add remaining ingredients. Let stand for ½ hour before dropping on cookie sheet.

Filling

1 cup milk
2 tablespoons cornstarch

Cook until thick, cool, then add

½ cup shortening
1½ cups margarine
1 cup sugar
2 teaspoons vanilla

Beat well, then icing pies.

GRAHAM CRACKER TORTE

Pudding:
4 cups milk
1 cup sugar
8 tablespoons cornstarch
4 eggs, separated
2 tablespoons butter
1 teaspoon salt
1 tablespoon vanilla

Scald 3½ cups milk. Combine sugar, cornstarch and salt. Stir in remaining half cup milk and beaten egg yolks. Stir this mixture into scalded milk; cook and stir until thickened. Remove from heat and add butter and vanilla. Beat egg whites until stiff. Add to pudding when its cold. Also fold in 8 ounces whipped topping.

Line bottom of 13-inch pan with graham crackers (do not crush). Spread half of pudding on top of crackers, add another layer or crackers and top with remaining pudding. Add third layer or crackers and top with this chocolate mixture:
6 tablespoons cocoa
3 tablespoons butter
3 tablespoons corn syrup
1 tablespoon vanilla

Melt over low heat and add 1½ cups confectioner's sugar. Add a few drops boiling water until spreading consistency. Spread on layer of crackers. Refrigerate overnight before serving. Very good!

Mrs. Levi Fisher
Gap

FROZEN BERRY FLUFF

2 cups crisp graham cracker crumbs
¼ pound butter
2 egg whites
1⅓ cups sugar
1 cup heavy cream, whipped
1 tablespoon vanilla
2 cups fresh strawberries (blueberries or raspberries may be substituted)

Mix crumbs and butter Press into buttered pan. Bake at 250°F. for 8 minutes Beat egg whites and vanilla slightly in bowl; gradually beat in sugar and berries Beat at high speed 12 to 15 minutes until fluffy. Fold in whipped cream. Spread over crumb crust. Freeze overnight and cut in squares.

Rachel Glick, Lancaster
Mrs. John E. Glick, Gap

CARAMEL PUDDING

1 cup brown sugar
Butter, size of egg

Cook together until a little brown. Add 1½ quarts milk. Heat until caramel is melted. Mix:
2 eggs
1 tablespoon flour
1 tablespoon cornstarch
½ cup sugar

Add to milk mixture when caramel is melted. Stir until thickened. Add 1 teaspoon vanilla. Cool. May be served with whipped cream.

Mrs. Alvin O. Zimmerman
Ephrata

VANILLA ICE CREAM

2 envelopes unflavored gelatin
2 cups milk
2 cups sugar (or less)
¼ teaspoon salt
4 eggs
1 cup heavy cream or evaporated milk
4 teaspoons vanilla
1 package vanilla instant pudding

Soften gelatin in ½ cup cold milk. Scald 1½ cups milk and stir into gelatin mixture until it dissolves. Add sugar and salt, stirring until dissolved. Beat eggs at high speed for 5 minutes Add cream or evaporated milk, vanilla, pudding mix, and then the gelatin mixture Pour into four-quart freezer can. Add additional milk to [illegible] ingredients to fill line [illegible] usual procedure for freezing and "ripening" ice cream It's refreshing, but rich!

Esther Mae Weaver
Mifflinburg

EASY CUSTARD

2 cups milk
2 eggs
¼ cup sugar
1 teaspoon vanilla
Shake of nutmeg

Place all in quart measuring cup. Mix until just blended. Pour into 4 custard cups.

Set the cups in a heavy pan with a tight-fitting lid. Pour cold water into the pan. Shut the lid and bring to a boil. Turn off heat and let sit covered for 45 minutes. You will have a perfect custard.

Gloria L. Hamm
Kempton

CREAMY JELLO SALAD

8-ounce package cream cheese
1 small package lime-flavored gelatin
½ cup sugar
1 cup drained, crushed pineapple
1 13-ounce can evaporated milk

In saucepan over low heat dissolve cream cheese, gelatin, sugar and pineapple. Allow to cool. Pour milk into freezing tray. Allow to crystalize. Beat with electric mixer until consistency of whipped cream. Fold in cooled mixture. Allow to cool 3 to 4 hours in refrigerator.

Beth Harwick
Kempton

HOMEMADE ICE CREAM

1 cup water
2 cups sugar
5 eggs, beaten
½ cup cold water
2 envelopes plain gelatin
1 quart cream
1 teaspoon vanilla
Dash of salt
Whole milk

Beat 5 eggs thoroughly and set aside. Cook 1 cup water and 2 cups sugar for 3 minutes. While this is cooking, put 2 envelopes gelatin in a half cup cold water. Stir until dissolved. When 3 minutes are up, take mixture from stove and immediately add gelatin; stir well. Then add to beaten eggs and stir well. Add salt and vanilla. Cool to lukewarm. Beat 1 quart ice cream until whipped. Fold into mixture. If not full, add a little whole milk. Freeze.

Ruth Anna Heckman
Mercersburg

RHUBARB CUSTARD PIE

1 cup rhubarb
¾ cup sugar
1 cup milk
2 eggs, separated
1 tablespoon flour
1 tablespoon butter
Pinch of salt

After all ingredients are combined, fold in stiffly beaten egg whites. Pour in unbaked shell. Bake at 350°F. for one hour.

Martha Oberholtzer
Mifflinburg

PUMPKIN PIE

2 cups cooked pumpkin
1 cup brown sugar
1 cup white sugar
8 eggs, separated
6 tablespoons molasses
1 teaspoon vanilla
3 tablespoons flour
Cinnamon
Egg whites, beaten

Mix sugar, egg yolks, pumpkin, molasses and flour. Beat egg whites until stiff. Mix above together. Stir in 2 cups milk. Pour in unbaked pie shell. Fill up with milk as needed. Bake at 400°F. for 10 minutes then at 350°F. for 45 minutes.

Linda Petersheim
Christiana

EGG CUSTARD PIE

½ cup sugar
1 teaspoon vanilla
¼ teaspoon salt
4 eggs
2 tablespoons flour
2½ cups milk

Scald milk Beat eggs, sugar, vanilla, salt and flour. Add milk and mix Bake at 400°F. for 25 to 35 minutes or until done

Sandra Deibert
Hegins

BAKED SALMON AND SHELL AU GRATIN

1 1-pound can salmon
⅓ cup butter
½ cup flour
1 teaspoon salt
8 ounces shell macaroni
½ cup grated sharp cheese
3½ cups milk
2 tablespoons grated onion
¼ cup chopped pimiento
¼ teaspoon paprika
¼ teaspoon pepper

Drain salmon and reserve liquid. Remove skin and any bones from salmon. Flake. Melt butter in large saucepan. Blend in flour, salt, pepper and paprika. Add milk gradually; stir constantly. Cook until thickened. Add onion and pimiento. Cook macaroni in boiling, salted water until tender. Drain. Add macaroni, salmon and liquid to sauce. Turn into greased 2-quart casserole. Top with cheese. Bake in 375°F. oven for 20 minutes or until cheese is melted and browned. Makes 4 to 6 servings.

Janet Brownewell
Shermansdale

BAKED ALASKA SANDWICH

1 layer of cake (square or oblong)
1 quart ice cream
4 egg whites
½ cup sugar
1 teaspoon vanilla

Cut cake into halves and trim to fit deep refrigerator tray. Line tray with heavy waxed paper so paper extends 2 inches beyond each side. Pack ice cream into tray and freeze until hard. Lift ice cream from tray with ends of waxed paper and place one of the halves of cake in tray. Place ice cream on top, then the second half of cake. Chill thoroughly. Beat egg whites until nearly stiff. Beat in sugar gradually, add vanilla and beat until stiff. Place a board at least 1½ inches thick between 2 pieces of corrugated paper, cover top with waxed paper and place cake and ice cream on top. Cover top and sides of cake with the meringue, making sure it is at least 1 inch thick Bake in very hot oven (450°F) until meringue is delicately browned Serve immediately. Serves 10

Note: use any flavor ice cream desired Any kind of cake except angel-food may be used

Louise N. Nolt
New Holland

GRANOLE

10 cups oatmeal
2 cups wheat germ
2 cups coconut
1 cup almonds and nuts

Melt together:
1 or 2 cups brown sugar
½ cup oil
2 teaspoons vanilla
1 teaspoon salt
1 can condensed milk

Mix all ingredients together; pour into pans and toast at 270°F. until a golden brown, stirring occasionally.

Verna Esh
Ronks

CHEESE CAKE

Crust:
1½ cups graham cracker crumbs
¼ cup sugar
¼ cup soft butter

Butter pan. Mix ingredients and pat into pan.

Cake:
1 pound cream cheese
1 cup sugar
4 eggs, separated
1 pint sour cream
2 tablespoons flour
½ teaspoon vanilla

Cream sugar and cheese; add yolks and mix into other ingredients. Beat egg whites until stiff and fold in. Put into pan. Bake 1 hour, turn oven off and open door a little. Let cake remain in oven for a half hour longer, then remove from oven. Do not remove from pan until serving time. Bake at 350°F.

Mrs. Henry B. Yoder
Kirkwood

(Turn to Page B9)

More Delicious Dairy Recipes

(Continued from Page B8)

BUTTERSCOTCH PUDDING

3 pints milk
1 cup molasses
1¾ cup brown sugar
1 tablespoon butter
1 teaspoon vanilla
5 eggs
1 cup flour
½ cup water

Mix everything together in order listed in saucepan; thicken over medium heat.

Linda Stoltzfus
Honey Brook

RICE PUDDING

1 cup rice
3 cups water

Cook until rice is tender. Simmer until water is gone.

2 cans evaporated milk
1½ cups sugar
1 teaspoon vanilla
4 cups milk

Put into a 2-quart casserole the above ingrediens. Add cooked rice. Bake at 350°F. for 1 hour. Let set in oven 10 more minutes.

Norma Shirk
Mifflinburg

CHEESE ROLL

1 8-ounce package cream cheese
½ teaspoon smoked flavoring
4 ounces Cheddar cheese, grated
1 teaspoon Worcestershire sauce
½ teaspoon onion salt

Add above ingredients to the 8 ounces cream cheese and form into 2 long rolls or balls. Roll in any of the following: 1 teaspoon paprika, ½ teaspoon parsley flakes, ¼ cup walnuts or pecans.

Mrs. Eugene R. Martin
Newburg

STRAWBERRY PIE

1 graham cracker crust
1 pint vanilla ice cream
1 box frozen strawberries
1 small carton heavy cream
1 pint box strawberry-flavored gelatin
1 tablespoon confectioner's sugar

Boil 1½ cups water; mix gelatin into boiling water; fold in ice cream. Place in refrigerator for 35 minutes. Fold in well-drained strawberries; spoon into pie shell. When pie sets (in refrigerator), about 1 hour, top with the cream that has been whipped stiff with 1 tablespoon of confectioner's sugar.

Mrs. Grace M. Setzer
Easton

STRAWBERRIES A LA YOGURT

1 cup non-fat yogurt, plain
1 cup non-fat dry milk, powdered
½ teaspoon rum extract
¼ teaspoon maple extract

Sweeten to taste. Combine the above ingredients. Mix well. Chill well. Serve over strawberries.

Martha Hoffmeier
Lincroft, N.J.

CORN STARCH PUDDING

Heat:
2 quarts milk
1 cup brown sugar
3 eggs
3 tablespoons cornstarch
3 tablespoons flour
1 teaspoon vanilla

Beat eggs. Add sugar, cornstarch and flour. Heat milk, but do not boil. Add warm milk to make a thin paste. Then add this paste to warm milk and cook until thick.

Katie Beller
Mill Hall

PENNSYLVANIA CREAM CHEESE

3 gallons thick sour milk
1½ teaspoons soda
½ cup butter
1½ cups sour cream
¼ teaspoon butter coloring
2 teaspoons salt

Heat the milk to 115°F. or until it is too hot to hold your finger in. Let stand at room temperature for 30 minutes.

Drain through a cloth; let stand overnight to drain thoroughly. When dry, crumb the curds and mix with soda and butter. Let stand for 2 hours. Place in a double boiler. Add 1 cup cream and allow curds to melt. When cooked until smooth, stir in the remaining ½ cup cream to which butter coloring has been added. Add salt and pour into a buttered dish to mold.

Regina Weaver
Mifflinburg

MARSHMALLOW ICEBOX DESSERT

16 marshmallows
½ cup sweet milk
1 small can crushed pineapples
¼ teaspoon salt
½ teaspoon vanilla
1 small can evaporated milk, chilled
1 teaspoon lemon juice
1 small box vanilla wafers

Melt marshmallows in sweet milk in double boiler. Drain pineapples and add to marshmallow mixture. Add salt and vanilla. Whip evaporated milk and add lemon juice. Fold into marshmallow mixture. Pour into pan about 7x7 inches. Crush vanilla wafers and spread over top. Let stand in icebox overnight.

Alma Nolt
New Holland

TAPIOCA PUDDING

¼ cup tapioca
1¼ cup sugar
1 tablespoon cornstarch
1 quart milk
2 eggs, beaten
Pinch of salt

Heat milk and add tapioca. Keep stirring until it boils. Cook until soft. Then add eggs beaten with sugar and cornstarch. Cook until mixture thickens. Add a teaspoon of vanilla. When cold, add whipped cream, crushed pineapple or anything you wish!

Bena Glick
Mill Hall

JEWISH COFFEE CAKE

½ cup sugar
2 tablespoons cinnamon
3 tablespoons English or black walnuts
3 tablespoons coconut

Mix in small bowl.

1 cup butter
2 cups sugar
2 teaspoons vanilla
½ teaspoon salt
4 eggs
3 cups flour
2 teaspoons baking soda
1 pint sour cream

Alternate flour, sour cream and soda mixture. Then pour into 13½x9½-inch pan in layers. First layer is half of batter. Second is sugar and cinnamon. Third layer is remaining batter and fourth layer is sugar and cinnamon. Run a knife through the mixture so the batter and sugar and cinnamon are mixed like a marble cake. Bake at 350°F. for 50 minutes.

Rita Bowers
Hamburg

TWO-TONED CREAM PIE

Your favorite baked pie crust
¾ cup sugar
½ cup cornstarch
¼ teaspoon salt
3 cups milk
3 egg yolks, beaten
2 tablespoons butter
1 teaspoon vanilla
2 tablespoons chunky-style peanut butter
1 block baker's chocolate (1 ounces), melted

Meringue:

3 egg whites
¼ teaspoon cream of tartar
5 tablespoons sugar
½ teaspoon vanilla

In heavy saucepan, combine sugar, cornstarch and salt. Graudally stir in milk. Cook and stir over medium heat until mixture boils and thickens. Remove from heat, slowly add beaten egg yolks. Cook 2 minutes more. Remove from heat, add butter and vanilla. Pour hot custard into bowl; cover with wax paper. Chill. Divide custard into 2 parts, adding peanut butter to half and melted chocolate (may substitute 3 tablespoons cocoa mixed with a bit of hot water) to the other half. Whip flavored mixtures until creamy. Spoon peanut butter cream into bottom of prepared crust and top with chocolate layer. Top with meringue.

To prepare meringue: beat egg whites with cream of tartar until very stiff. Gradually add sugar. Flavor with vanilla. Spread on top of pie, sealing to crust. Bake at 350°F. for about 12 minutes or until meringue is golden. Cool. Delicious!

Alverna Martin
Wellsboro

FRUIT COBBLER

Put fruit (fresh, frozen or canned) in cake pan. Add tapioca or four to thicken juice. Put in oven to heat until topping is made.

Topping:

2 cups flour
4 teaspoons baking powder
2 tablespoons sugar
1 teaspoon salt
½ cup shortening
⅔ cup milk
1 egg, beaten

Drop by spoonsful onto filling. Bake at 400°F. about 20 minutes. Serve warm with milk.

Miriam Shirk
Mifflinburg

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Baltimore Co. 4-H'ers Announce Fair Events

OWINGS MILLS, Md. – 4-H Club members are busily preparing exhibits and animals for the 23rd Annual Baltimore County 4-H Club Fair to be held July 14 through 18, on the State Fairgrounds in Timonium, Md. The Fair opens to the public at 7 p.m., Tuesday, July 14th with the crowning of the 1987 Farm Queen. At 7:30 p.m., the Baked Goods Auction will offer grand champion and blue ribbon cakes, pies, bread and rolls to the highest bidder.

Fair hours are 8 a.m. until 10 p.m. daily. Admission and parking will be free with the exception of an admission charge for the Donkey Ball Game Wednesday evening.

The State Fair Cow Palace will house exhibits of foods, clothing, photography, arts and crafts, science, flowers, vegetables, child care, home environment, knitting, crocheting and educational booths constructed by local 4-H groups. Rabbits and poultry will be on display throughout the Fair in the Cow Palace.

Beef, dairy, sheep, swine, goat, dog and horse shows are scheduled Wednesday through Friday. Bring along your checkbook on Friday, July 17th, beginning 8 p.m., to bid on a live beef steer, market lamb or market hog at the Livestock Auction and then arrange to have it packaged as beef, lamb or pork for your home freezer.

The Baltimore County Police will be "up at bat" versus the Cockeysville Volunteer Firemen in the Annual Donkey Ball Game on Wednesday, July 15th, beginning at 7 p.m., in the horse show ring. This is always a "real crowd-pleaser" and is the only Fair event with an admission charge of $3.50 for adults; $3 for under 14 years and pre-schoolers are admitted free! Proceeds benefit the 4-H Fair.

A refreshment stand will be in operation in the Cow Palace or pack your own picnic lunch and/or supper for an ideal outing for the entire family!

Call Fair President, Fana Wolff (301-356-4006) or the Baltimore County 4-H Club Office (301-666-1025) for further information and/or a complete schedule of fair events.

Del. Ag College Plans Fair Tent

NEWARK, Del. — The University of Delaware College of Agricultural Sciences will again have an information tent at this year's Delaware State Fair in Harrington. The 40-by-60-foot tent will open Friday, July 17, at 5 p.m. From July 18 through July 25 it will be open daily from noon to 8 p.m.

The tent will be located in the same place as last year—southwest of the fair office, next to the carnival and picnic area. Featured inside will be extension and research exhibits covering a wide range of topics.

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A Forgotten Canal Led To Writing Of U.S. Constitution

WASHINGTON – Most people walk over its neglected remains along the Potomac River in nearby Virginia without realizing that they exist. Many confuse it with the famous Chesapeake and Ohio Canal across the river in Maryland and assume that there never really was a Patowmack Canal.

As if that's not insult enough, the National Park Service shows a film about it titled "The Magnificent Failure." The film refers to the canal as "Washington's folly."

But to National Geographic Editor Wilbur E. Garrett, George Washington's lifelong obsession with the canal was a feat of 18th-century optimism that not only opened the Atlantic seaboard to the West via the Potomac, but led to the writing of the U.S. Constitution.

'Like a Bad Dream'

"Sadly," he writes in a recent issue of National Geographic, "the whole project seems to have slipped from our national memory like a bad dream."

But before the final bicentennial stories are published about the Constitution this year, Garrett wants to make certain that its early canal chapter is not forgotten.

In lobbying for the Patowmack Canal and solving the political conflicts that blocked the use of the waterway, he writes, Washington started a chain of events that led to the Constitutional Convention in 1787.

At a congenial meeting at Washington's Mount Vernon, Va., home in 1785, leaders of Maryland and Virginia resolved disputes over river rights and free trade.

The resulting Mount Vernon Compact, ratified by both state legislatures, technically was an illegal act, because the Articles of Confederation forbade treaties between states without approval of the Congress.

The legislators quickly called for another meeting in Annapolis, Md., in 1786 to discuss other interstate problems. All 13 states were invited to send delegates. With commercial interests in several states eyeing the Ohio country west of the Potomac, Washington clearly needed support from more states than Maryland and Virginia.

The Annapolis convention was considered a failure, but delegates approved a resolution drafted by Alexander Hamilton calling for another meeting, in Philadelphia, "to take into consideration the situation of the United States ... to render the constitution of the Federal Government adequate to the exigencies of the Union."

Washington, who was president of the Patowmack Company, had planned to draw the people and lands west of the original 13 colonies into the United States. He feared that the rapidly growing population beyond the foothills of the Appalachian Mountains would take their business and loyalties elsewhere.

Forging a Bond

The Patowmack Canal would help forge a unifying bond by making the Potomac River navigable for the 220 miles from the seagoing port of Georgetown to Cumberland, Md., and then linking it via road portage with tributaries of the Ohio River.

It would also benefit the Patowmack Company president personally. By today's standards, Garrett observes, Washington probably would be accused of insider trading, because he held lands and business interests along the proposed waterway.

Washington's dream encountered more than political obstacles. There were waterfalls, rapids, rocks, floods, droughts, and budget and labor problems.

Despite the odds, the Patowmack waterway operated in various stages of completion and competence from 1788 until 1830, when it closed in bankruptcy. The Chesapeake and Ohio (C&O) Canal took over the job.

The Patowmack Canal project had overcome waterfalls and rapids by bypassing them with five canals. The steepest plunge, 77 feet of Great Falls, alone required a series of five locks. For most of the route, traffic followed the Potomac riverbed.

Opening up the waterway was a dangerous engineering challenge. It was one of the early projects in North America to use black blasting powder. Accidents occurred often; at least one man was blown up. Some of the names on the payroll indicate that the workers were a rough lot: Bob the Blaster, Monster Manley, and Hercules.

Extreme high and low water made the system dangerous or impassable all but 30 to 45 days a year. Floods could push a million gallons a second over Great Falls.

Yet during its years of operation the Patowmack waterway brought more than $10 million worth of produce from the upper Potomac and Ohio country to Georgetown. Bulky loads of wheat, corn, and rye were usually converted to flour and whiskey for shipping. The canal even carried marble for the Capitol.

Author, Photographer Canoe River

Garrett, who lives near the Patowmack Canal, did more than study historical documents. He and his photographer son Kenneth canoed the river from Cumberland to Washington. Garrett also boarded a replica of an 18th-century riverboat built by Virginia canal buff Joe Ayers to run the Seneca Falls bypass, the only section of the canal where water still flows as it did when the canal operated.

After 157 years of abandonment, is there a new life for the Patowmack Canal? Some canal buffs are calling for restoration to its glory days. Others would settle for stabilization of the ruins. But bird-wathers protest that clearing out the overgrowth and trees would disturb a prime birding site. At the moment, the National Park Service, which owns the canal locks and land at Great Falls, has no approved plans.

Enjoying his own canoeing experience, Garrett says he hopes George Washington also was able to feel the river's "lulling charm when you ship your paddles on a summer afternoon and drift with a lazy current."

Reliving colonial canal days, canal history buffs pole a reproduction of an 18th century riverboat through Virginia's Seneca Bypass, a remnant of the Patowmack Canal. The brainchild of George Washington, the canal linked the Atlantic Seaboard to the West via the Potomac River. In solving the political problems that blocked the waterway, Washington started a chain of events that led to the writing of the U.S. Constitution on 1787.

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INDEPENDENCE DAY IS THE BIRTHDAY OF THE U.S.A. IT IS CELEBRATED ON JULY 4TH. EACH YEAR IN ALL THE STATES AND TERRITORIES OF THE U.S.A. INDEPENDENCE DAY IS THE ANNIVERSARY OF THE DAY OF WHICH THE DECLARATION OF INDEPENDENCE WAS ADOPTED JULY 4, 1776.

Yost Wears Columbia-Luzerne Dairy Princess Crown

BY HELEN KELCHNER
Columbia County Correspondent

KOBELS GROVE — Lori Yost of R1 Wapwallopen, Luzerne County was chosen Columbia-Luzerne Dairy Princess in a pageant held at Knobels Grove June 28. She is the daughter of James and Jeanette Yost, who owns a Holstein dairy operation.

Cindy Schlichter, R2, Benton, Columbia County was selected alternate for the 12-month reign. Cindy is the daughter of Robert and Lorraine Schlichter, who also own a Holstein dairy farm.

The new princess is a 1987 business graduate of Crestwood High School and intends to attend Luzerne Community College.

She is active in 4-H and the Big Brothers-Big Sisters Program. She is a member of Dairylea Young Cooperatives and the United Methodist Youth Group.

Lori has been active in the Crestwood High School band as clarinetist for four years. Her hobbies are swimming, hiking, bike riding and tennis. She has three brothers and a sister: Charles, Ed, David and Janet.

Cindy is a senior in Benton Area High School. She is looking forward to a career in nursing after studying at Williamsport Community College.

She is active in Columbia County 4-H and is a member of County Council. Cindy is president of the Columbia County 4-H Dairy Club and shows registered Holsteins in which she has reached the state level, having shown in Harrisburg last year.

She is a member of Benton Christian Church Youth Group. She has been a clarinetist in the Benton Area High School Band since 9th grade.

She is also a member of concert band and concert choir.

She enjoys swimming in her leisure time. She, too, has three brothers and a sister: Robert, Kevin, Richard and Karen.

Both girls help milk on the farm and fill in wherever needed.

Each contestant presented a skit promoting milk as part of the competition.

Lori was in a milk carton portraying "white light." By way of a conversation with a clown puppet, she pointed out the benefits of drinking milk, especially "white light."

Cindy's skit presented her costumed as a 63-year-old woman with osteoporosis. She discussed prevention of the disease and by way of a poem she composed, she acted out the benefits of proper calcium intake — gradually emerging from her costume as a straight, healthy individual.

The dairy princess will make public appearances throughout the next 12 months. Her first appearance will be the July 4th parade in Millville.

Judges for the contest were Marian Dent, Paul Schatz and Kay Martenas.

Lori Yost of Wapwallopen was selected Columbia-Luzerne County Dairy Princess during a pageant at Knobels Gove June 28.

Cumberland, Perry Youth To Attend PAFC Institute

MILLERSTOWN — Nine outstanding young adults have been named winners in the Cooperative Business Education Program sponsored by the Cumberland-Perry Cooperative Council and will represent the area at the Penn State/PAFC Summer Youth Institute at Juniata College in Huntingdon July 12 through 15.

Those named to the institute are: Kim Hopple, Mechanicsburg; Irene Benner and John Brofee, Millerstown; Christine Davidson, Kim Davidson and Tim Smith, Shippensburg; Benjamin Dum, Elliottsburg; Luanne Frey, Carlisle; and Dee Curtis, Landisburg.

Winners were selected on the basis of their knowledge of the business enterprise system in the United States, the cooperative method of doing business and on activities of the participants in school, community, church and youth organizations.

The young leaders will be accompanied to Juniata by Jane Benner of Millerstown, who will serve as chaperone and resource person for the delegation.

The institute program is designed to teach tomorrow's leaders more about the business enterprise system in the the United States, to help in planning their future by pointing out career possibilities in agribusiness and providing opportunities for individual leadership development.

More than 150 young men and women representing the best of over 4,000 participants in the annual PAFC youth education program will attend the four-day conference.

Climax of the institute will be the selection of delegates to attend the American Institute of Cooperation's annual youth conference at St. Louis, Mo., August 10 through 13. They will join with 500 other future leaders from the United States, Canada and Puerto Rico to take part in activities at the national meeting.

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SUN Area Crowns 1987-88 Dairy Princess

BY CRAIG BINGMAN
Snyder County Correspondent

HUMMELS WHARF ~ Kimberly Ann Dietrich was crowned 1987 S.U.N. Area Dairy Princess June 20 before a capacity crowd at Boscov's auditorium at the Susquehanna Valley Mall in Hummels Wharf.

Kim, the 16-year-old daughter of David and Barbara Dietrich of R2, Mifflinburg, will represent Snyder, Union, Northumberland, and Montour counties. She was crowned by the 1986 S.U.N. Dairy Princess, Susan Waite, daughter of Mr. and Mrs. Robert Waite, R1, Beavertown.

Miss Dietrich will enter her senior year at Mifflinburg Area High School in the fall. Her activities at school and in the community include: sentinel for the Mifflinburg FFA, S.U.N. Area FFA treasurer, Future Homemakers of America, Dairylea Young Cooperators, Union County 4-H Dairy Club, Sunday school secretary, hospital volunteer, soccer, basketball, and tennis teams, Key Club, and soccer referee. Her interests are needlework, bicycling, tennis, showing cattle, and raising sheep.

The new dairy princess will represent her counties at the state pageant to be held in Harrisburg in September. Kim will be available to meet with any groups or organizations in the multi-county area who are interested in learning more about the dairy industry.

Two alternate dairy princesses were chosen. They are Thonda Strouse, daughter of Mr. and Mrs. Thomas Strouse of R2, Northumberland; and Kathy Wolfe, daughter of Mr. and Mrs. Ernest Wolfe, R1, Milton. Kathy, 17, will be a senior at Milton Area High School, while Thonda will enter the same grade at Shikellamy High School in Sunbury. Miss Strouse was also named "Miss Congeniality."

The pageant brought to a close a week of dairy promotional activities with the theme, "Our Dairy Best." On Friday evening a gigantic 150-gallon ice cream sundae was made with ice cream compliments of Turkey Hill Farms. Approximately 1,500 people sampled the 7-foot high sundae that was topped with fudge sauce, pecans, and maraschino cherries.

Other activities featured during the week were milk punch and cheese samples, educational displays, and a live dairy animal display.

New this year to the dairy promotion week was the honoring of farms that bolster consumer confidence in locally produced dairy products. The Dairy of Distinction Award, the first of its kind in Pennsylvania, went to four area farms. Recipients of the award were Truckenmiller Farms, R1, Watsontown; Paul Laidacker Farms, R2, Milton; Mabarbil Farms, R4, Middleburg; and Klinger Farms, R1, Klingerstown.

SUN Area Dairy Princess Kimberly Ann Dietrich, left, receives her crown from last year's princess Susan Waite.

Photo By Craig Urey

Angela Haas Wears Mercer County Dairy Princess Crown

MERCER — Angela Haas, the daughter of Mr. and Mrs. Paul Haas of Jackson Center, will reign as 1987-88 Mercer County Dairy Princess. She will be assisted by Cheri Clayton, a daughter of Mr. and Mrs. Robert Clayton of Sandy Lake, who was named alternate princess.

Judges selected the winners from among five contestants who participated in the annual pageant held June 18 at the Mercer County Cooperative Extension Center. The other contestants were Tina Pfaff, Greenville; Wendi Wester, Jamestown; and Diane Ealy, Sharpsville. Five is the largest number of contenders the pageant has boasted in recent years.

Judges for the contest were Melinda Johnson, Warren; Charles Ruslavage, Clarion; and Jim Trotter, Enon Valley. The mistress of ceremonies was Jill (Snyder) Trotter, Enon Valley, a former Beaver-Lawrence County dairy princess.

Tammy Jones, 1986-87 dairy princess, gave a moving farewell speech accounting some of her many experiences during her reign before crowning her successor. Mrs. John Courtney provided entertainment during the pageant.

The five contestants presented skits promoting the dairy industry. The new princess portrayed a runner on the "Winning Team," while the alternate dressed as the "Real Seal."

Special guests at the evening's festivities included Jolene (Snyder) Kroll, former Pennsylvania dairy princess; and Jan Harding, head of the dairy princess organization. Five former Mercer County dairy princesses also attended: Kris Canon, Kathy Minor, Elaine Hill, Kathy Evans and Susan Slater.

Kelly Campbell, the daughter of Mr. and Mrs. Patrick Campbell of New Wilmington, presented flowers throughout the evening.

The pageant closed with the presentation of gifts and a reception line to allow the new royalty and contestants to greet well wishers.

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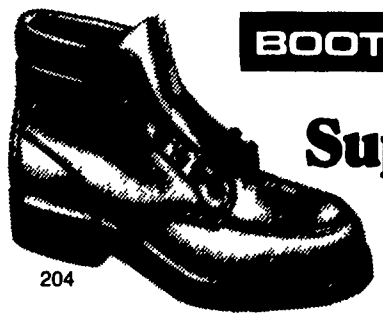

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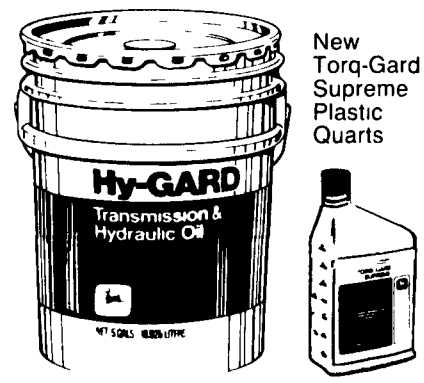

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Jenny Bigelow Shines As Blair County Princess

MARTINSBURG — Jenny Bigelow, the 17-year-old daughter of Mr and Mrs. William Bigelow of Williamsburg, was crowned 1987 Blair County Dairy Princess during a pageant held Friday, June 5 at the Memorial Park in Martinsburg.

She is a graduate of Huntingdon Christian Academy, where she was a member of the school chorus, yearbook staff and basketball and volleyball teams. She also plays the piano and organ at her church.

Jenny is a member of the Morrisons Cove 4-H Dairy Club and 4-H Baby Beef Club. She plans to work on the family farm and attend college. Jenny was the alternate dairy princess this past year.

Kathy Sollenberger, 18-year-old daughter of Mr. and Mrs. David Sollenberger of Williamsburg, was named 1987 Alternate Blair County Dairy Princess

In her farewell address, the 1986 dairy princess, Laurie Smith, expressed her appreciation to the dairy promotion committee; to Gladys Pheasant, committee chairman; the dairy farmers; and especially to her parents for their help and support.

For her presentation, the new dairy princess became "Miss Sally Sun," who gave an informative, visual talk on the importance of milk and milk products from childhood to adulthood. Hats were incorporated to depict the different age groups.

Each contestant was asked a question by the master of ceremonies Tom Riley of WFBG radio of Altoona. In response to the question "From a teenager's viewpoint, what is the most important value your parents instilled in your?" Jenny answered: "My most important value is to drink milk, to listen to my parents, to be content at home and do my chores."

Jenny Bigelow was recently crowned 1987 Blair County Dairy Princess. Photo By Altoona Mirror

The girls were judged on appearance, presentations, and personal interviews. The judges for the evening were Mary Lou Furry, Bedford County Dairy Promotion Committee member; Alan Kozak, Centre County extension agent and recently appointed business manager for the Pennsylvania Guernsey Breeders Association; and Dorothy J. Naugle, Allied Milk Producers Co-op Inc. dairy marketing specialist.

Hunterdon County Dairy Princess Crown Goes To Tracy Bachardy

BY ED SHAMY
Northampton County Correspondent

PITTSTOWN — Tracy Bachardy, 17, of Raritan Township was crowned Hunterdon County Dairy Princess recently at a rain-dampened dairy farm open house on the Mark and Wendy Douglass farm.

Tracy is the daughter of Theodore and Mary Bachardy. She recently graduated from Hunterdon Central High School and for eight years has been active in the county's 4-H dairy foods project.

She studied cosmetology in high school and worked after school at Hunterdon Haircutters, a Flemington salon.

Tracy's uncles, Larry Hunt of Mount Airy, and John Coleman Jr. of West Amwell Township, both operate dairy farms. Her grandfather, John Coleman Sr., managed a Delaware Township, Hunterdon County, dairy farm.

Tracy, who will compete for the New Jersey Dairy Princess Crown in September, succeeds Becky Alpaugh, 18, of Alexandria Township in the county position.

Rain fell steadily during the Father's Day celebration of Hunterdon County's dairy farm open house, but Hank Kuehn, who guided the organization of the event for the Hunterdon County Board of Agriculture, said the weather didn't keep visitors away.

He estimated that between 1,300 and 1,500 people visited the Douglass dairy farm, which is home to the highest producing herd in the Central Jersey Dairy Herd Improvement Association.

Kuehn said the visitors drank 2,000 half pints of milk and ate 48 pounds of cheese with 44 boxes of crackers. The foods were donated by dairies that buy locally produced milk.

Kuehn specifically cited the efforts of Dairylea Inc., which provided workers to help move the foodstuffs.

Visitors were treated to hayrides, tours of the dairy farm, a chance to try hand-milking and to see the Holstein herd milked by machine. They also saw how dairy cows are artificially inseminated and visited a number of dairy-related exhibits.

The dairy farm open house is an annual affair sponsored by the Hunterdon County Board of Agriculture. Last year, Charles Rogers of Ringoes and his family hosted the event.

International Student Exchange Seeks Host Families

FORT JONES, Calif. — The International Student Exchange is seeking host families for students from a variety of countries, including Germany, Spain, Bolivia, Brazil, Thailand, Mexico and others.

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The placement of foreign students is accomplished by a careful screening and placement process based on applications submitted by both the prospective family and the foreign student. It is not necessary that there be children in the host family; retired couples often welcome teens into their homes.

Hosts actively participate in the selection of the student who will live with them, thus assuring that the family and the student are placed together on the basis of interests and compatibility.

To participate, contact: International Student Exchange, P.O. Box 640, Fort Johnes, Calif. 96032. Or telephone 1-800-233-HOST nationwide, or 1-916-468-2264. in California.

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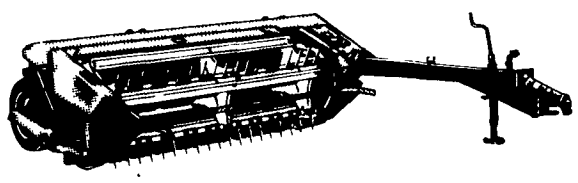

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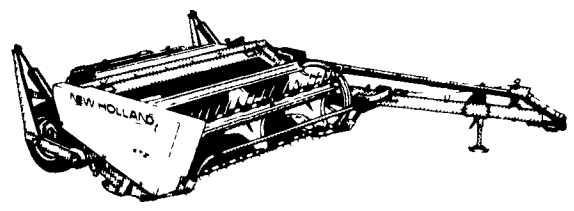

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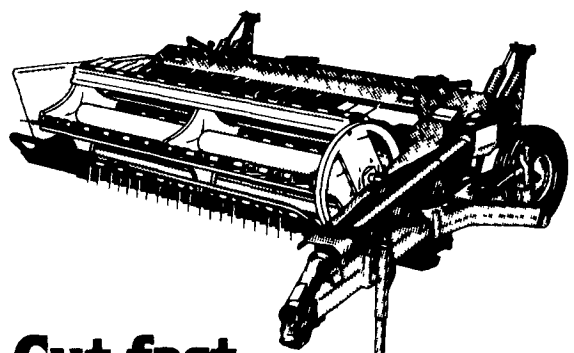
The Model 472 Haybine® mower-conditioner gives you full-width conditioning in a seven-foot machine. The torsion bar system on the exclusive chevron rolls lessens pressure to let slugs through. No plugging, less down time. Stop in and see one today.



Cut fast, condition thoroughly

The Model 488 Haybine® mower-conditioner is a big-capacity, close-cutting machine. It's fast and gentle as it cuts a 9-foot width of your crop and conditions it with full-width chevron rolls. And, full lateral header flotation gives you the closest cut around. Stop in and see one today.

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- Dual sickles—less vibration and wear.

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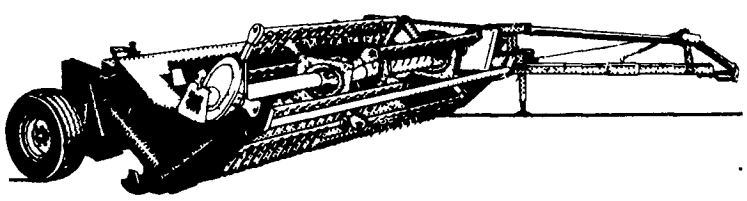

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The Model 495 Haybine® mower-conditioner gives you a 12-foot cut and a unique sweeping Rolareel header. It feeds evenly and directly into giant nine-foot conditioning rolls so you get thoroughly conditioned hay in a nine-foot swath or a big, fluffy windrow. It's up to you! Stop in and see one today.

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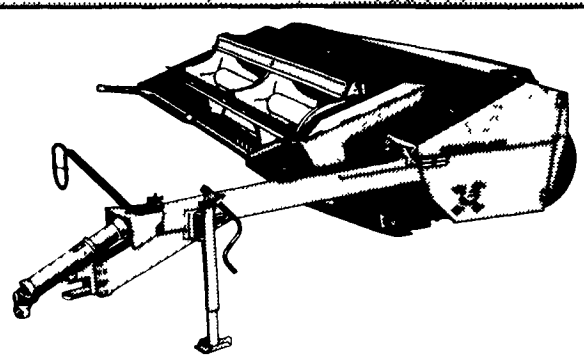

Cut fast, avoid damage

The Model 489 Haybine® mower-conditioner makes a nine foot cut, fast. The rolls on the 489" are in the main frame, not in the header. So the header is light, to glide over rocks and obstructions with less chance of damage. Stop in and see one today.

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LANI BLOOMER

Blanching Vegetables In Your Microwave

Your garden vegetables will be ready to pick soon — or maybe you're an early bird who has already started picking. If you like to freeze your extra vegetables, but hate that big hot pot for blanching. I've got good news for you!

Leave the pot in the cupboard. Blanch your vegetables in your microwave. It's faster, cooler, and won't use as much electricity. Another important benefit to microwave blanching: your vegetables will retain more vitamins if properly microwave blanched.

There is, however, a problem with microwave blanching. How long do you microwave the vegetables to blanch them? I can't give you an exact time, like the conventional blanching charts, because microwave ovens lack standardization. That is, microwave ovens vary in power, and how evenly they cook.

The age and freshness of the vegetables, what size pieces you cut them in, the quantity you have, the container you use, and whether or not the vegetables have been refrigerated will also affect the blanching time.

With all these problems, it might seem impossible to know how long to blanch the vegetables. But don't give up!

Vegetables should be blanched before being frozen to destroy certain enzyme activity in the vegetables. If these enzymes are not destroyed, frozen vegetables become tough and stringy and have poor or little taste.

There are two ways to tell when your vegetables have been properly blanched.

The first method is for you scientific-types, whose microwave has a temperature probe. Research on microwave blanching at Cornell University determined that a temperature of 190 degrees effectively killed the enzymes. Set your oven probe for 190 degrees, and you won't need to know the time. If you do use your probe for blanching, watch for the color change mentioned next. Some temperature probes may be inaccurate.

The second method, the color test, is less precise, but works! When vegetables are blanched they change color, turning a brighter green (or orange, etc!). As soon as all the vegetables have turned the brighter color all over, they are "done."

A good way to estimate the time needed for blanching is to microwave the vegetables for 3 to 4 minutes per pound. This time is for high power and a 600 to 700 watt oven.

I've microwave blanched all my vegetables for four or five years now, using a combination of the time estimate and the color test. The vegetables I've frozen have been good in taste and texture when I cooked them later. Here's the technique I use:

Microwave Blanching

1. Wash and prepare vegetables as desired for eating. It is important to cut them to a uniform size.

2. Use a flat shallow container with a lid, or cover top with plastic wrap. The vegetables should be spread out in a thin even layer. A pie plate is good for 2 cups; a 9x13 pan is good for 4 cups.

3. Add 1 tablespoon water for each cup vegetables. Cover tightly.

4. Microwave on high power for these estimated times (600 to 800 watt oven):

— Cut Beans (1 to 2-inch pieces), shelled peas and limas, cut corn (kernels), thin sliced carrots, broccoli or cauliflower (1 to 2-inch pieces): 2 Cups: 3 minutes; 4 cups: 4 to 6 minutes.

— Spinach, other greens (no water needed): 6 cups (½ pound): 2 to 3 minutes.

— Summer squash ½-inch slices: 2 cups: 2½ to 3 minutes; 4 cups: 4 to 5 minutes.

— Corn on the cob (1 tablespoon water per ear): 2 ears: 4 minutes; 4 ears: 5 to 6 minutes.

5. Stir and check to see that all have changed color and are steaming hot (190 degrees). If some still have duller colored patches, recover and microwave 30 to 60 seconds longer and check again.

If you find that you always have spots where the vegetables are not quite done, it may help to stir once during the cooking time.

6. When all are uniformly bright, dump them into a bowl of ice water or cold running water, and chill. This stops the cooking and keeps them from getting mushy.

7. When cold, spread on a towel to drain excess water. Then pack, label and freeze immediately.

TIP: If you are packing the vegetables in a heavy plastic freezer bag, put the hot vegetables in the bag before chilling. Immerse the bag up to the neck in ice water (weight it down with a can!). This chills the vegetables quickly, and helps retain vitamins that might be dissolved in the water. Label, etc. after chilling.

Copyright 1987, Lani Bloomer

N.Y. 4-H'ers To Display Projects At Genesee Country Museum

MUMFORD, N.Y. ~ The culmination of a year's hard work for over 300 4-H members will be on display at Genesee Country Village and Museum July 24 through 26.

The Monroe County 4-H Fair will include displays of beef and dairy cows, swine, sheep, goats and poultry in the museum's Exhibition Hall. In addition, exhibits of home arts, food, clothing, crafts, vegetables, flowers and woodworking will be set up in the museum's Education Center.

A petting zoo for children will be open from 10 a. m. until 5 p.m. Saturday and Sunday.

The 4-H members, who range in age from 8 to 19, will be showing off their year's projects in shows in a ring set up on the museum's Great Meadow. Members will be showing their swine, Angora goats, sheep, dairy cattle, beef cattle, dairy goats and pets.

Demonstrations which range from agriculture to home arts and food will also be conducted.

A narrated demonstration of various riding styles will be held at noon Sunday and a fashion show of clothing made by 4-H members will be held in the morning.

A complete schedule of events is available by calling the museum at 716-538-6822 or the Cooperative Extension Office at 716-461-1000.

Visitors may participate in all the activities of the Monroe County 4-H Fair at no charge over the admission price of $7.50 for adults and $3.50 for children. Children under six and museum members are admitted free.

Genesee Country Village and Museum is open from 10 a m. until 5 p.m. daily in July and August, and closes at 4 p.m. in September and October. The museum is located 20 miles southwest of Rochester, N.Y. and is a short drive from New York State Thruway exits 46 (Rochester) and 47 (Leroy). It is also a 20-minute drive west of Avon Exit 10 of Interstate 390.

Sullivan Named EFNEP Manager

UNIVERSITY PARK ~ Lisa A. Sullivan has been named program manager of the Expanded Foods and Nutrition Education Program, administered by Penn State's College of Agriculture.

Her responsibilities will include supporting EFNEP staff and monitoring programs at the county level, implementing and evaluating a new nutrition curriculum and monitoring EFNEP's computerized reporting system.

Sullivan was formerly coordinator of the Special Supplemental Food Program for Women, Infants and Children in Bellefonte. WIC is a federal program that provides nutrition education and supplemental foods to low-income persons at nutritional risk.

A native of Maine, Sullivan received her bachelor's degree in foods and nutrition from the University of Maine and her master's in human nutrition, with a minor in sociology, from Cornell University. She resides in Bellefonte.

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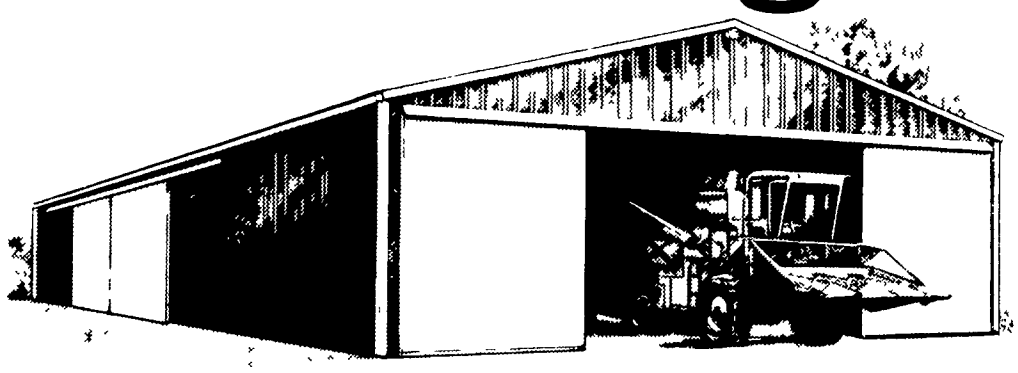

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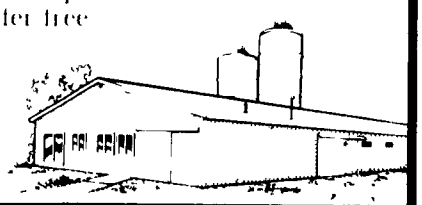

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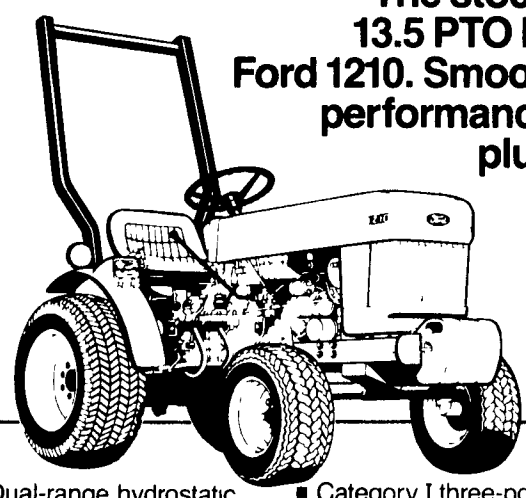

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Shive Wins Regional Judging Contest

LOGANVILLE – York County 4-H'er Cathy Shive was named top winner in overall judging during regional 4-H Meats Judging competition.

The regional Meats Judging and Identification Contest was held July 24 at Godfrey Brothers Meat Market, with about ten competitors from York and Lancaster counties taking part.

It was a clean sweep for the Shive family, with younger sister Robin winning the junior division of the contest. Cathy and Robin are the daughters of Gordon and Diane Shive, Seven Valleys.

York teammate John Eaton, Jr., took honors in both the carcass judging reasons and meats identification categories, to place second overall in the senior division.

Rob Rush, Lancaster County team member, earned high points in the carcass judging class, besting runner-up Cathy Shive.

When the total team points had been tallied, York topped Lancaster, 1,419 to 1,294.

Penn State extension meats specialist, Bill Henning, served as official judge for the competition. Also assisting was Mike Bankert, of Godfrey Bros. Meats, and extension staffers from York and Lancaster. Categories included classes of four pork and four beef carcasses, a class of retail T-bone steaks, and identification of 30 cuts of meat for the species of origin, name of both wholesale and retail cut and recommended method of cookery.

A list of top senior winners in each category follows:

Judging - 1. Rob Rush, Lancaster, 203; 2. Cathy Shive, York, 202; 3. Doug Musser, 201; 4. Edwin Livingston, York, 197; 5. John Eaton, Jr., York, 194.

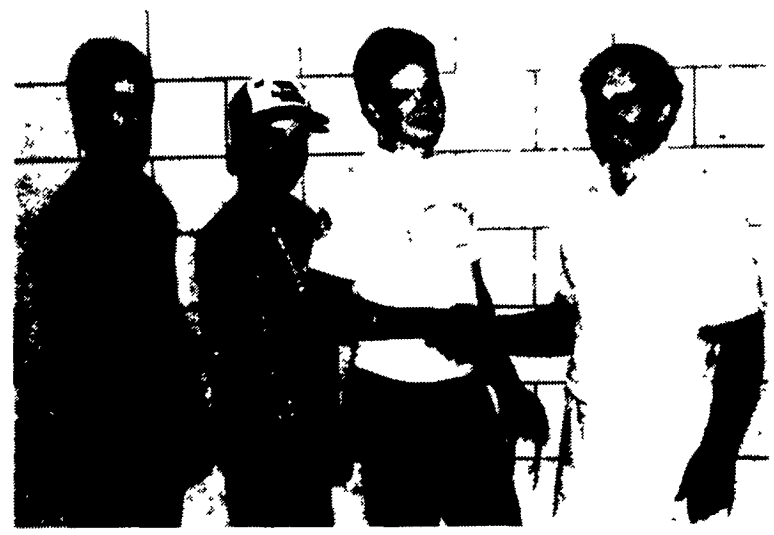
Reasons - 1. John Eaton, Jr., York, 82; Doug Musser, Lancaster, 79; 3. Cathy Shive, York, 72; 4. Rob Rush, Lancaster, 72; 5. Ed Livingston, York, 72.

I.D. Individual - 1. John Eaton, Jr., York, 286; 2. Cathy Shive, York, 284; 3. Susan Eisenhour, York, 268; Sandra Eisenhour, York, 263; 5. Mike Craig, Lancaster, 252.

Overall Individual - 1. Cathy Shive, York, 486; 2. John Eaton, Jr., 480; 3. Susan Eisenhour, York, 453; 4. Mike Craig, lancaster, 443; 5. Sandra Eisenhour, York, 441.

Mike Bankert, representing the host Godfrey Brothers Meats, awarded the winning team trophy to York 4-H meats judges, from left, John Eaton, Jr., Cathy Shive and Susan Eisenhour.

Individual winners in the regional meats judging contest, from left, Bob Rush, Cathy Shive and John Eaton Jr., accept congratulations from Mike Bankert.



Lancaster County 4-H meats judging team, from left, Doug Musser, Mike Craig and Rob Rush, with Mike Bankert, for the host Godfrey Brothers.

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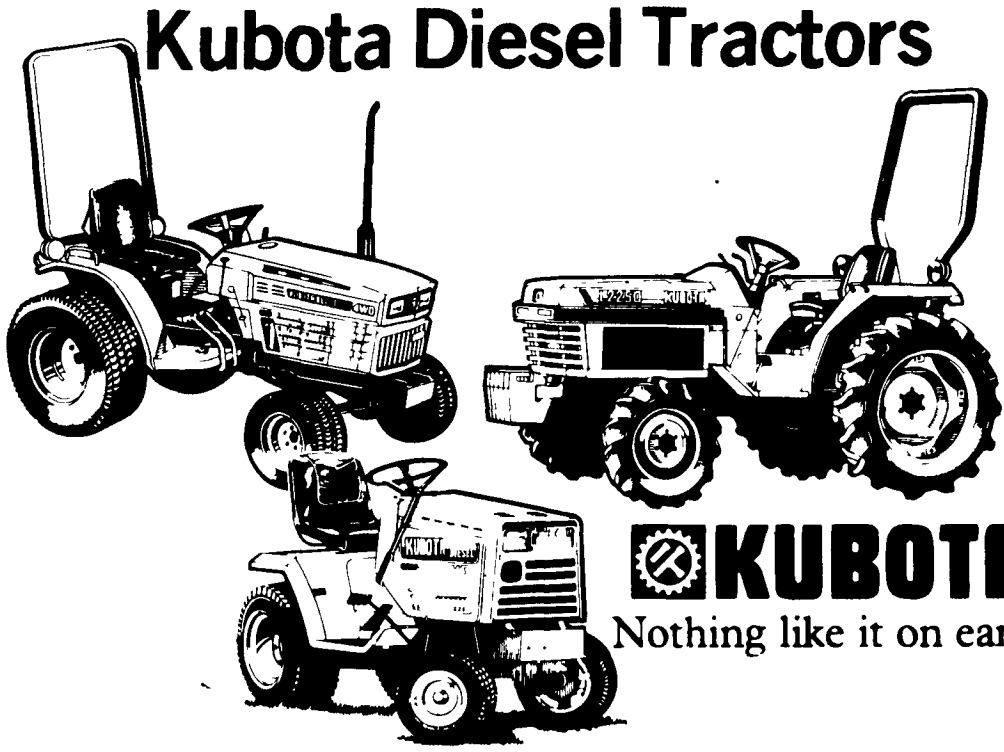

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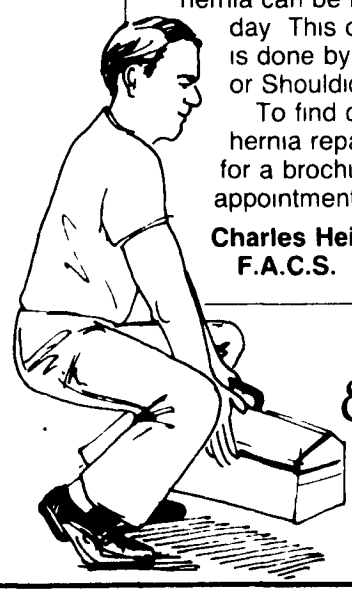

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VISA

Margie Fuoss To Represent Lycoming County Dairymen

BY BARBARA MILLER
Lycoming Co. Correspondent

WILLIAMSPORT ~ Margie Fuoss, a Montgomery High School junior, was selected the 1987-88 Lycoming County Dairy Princess during ceremonies at the Genetti Lycoming Hotel on the evening of June 26.

Named first alternate was Kristine McCarty, daughter of Mr. and Mrs. Robert McCarty, Montgomery, and second alternate was Charlene Budman, daughter of Mr. and Mrs. Leonard Budman, Allenwood.

The 17-year-old daughter of Mr. and Mrs. Milton Fuoss, R2, Montgomery, Margie performed her dairy skit aimed at a classroom audience in American sign language, which is a hobby of hers. The new princess is majoring in mathematics. Although her college choice is uncertain at this time, she says, she plans to work after school to save money for her college education. Among her interests she lists tennis, 4-H, FHA, school newspaper, public speaking, and church youth group.

During an onstage interview Margie mentioned that her chores around her parents' 220-acre, 70-cow dairy farm include milking cows, feeding calves, and getting cows ready for the fair.

Margie was crowned by the 1986-87 Lycoming County Dairy Princess, Becky Hipple. During her reign Becky noted that she traveled 2,970 miles to 100 activities while promoting the dairy industry. She recalled making ice cream in coffee cans with the Girl Scouts by rolling it on the floor, but said her favorite activity was making an ice cream sundae at 7:30 a.m. for a disc jockey as part of a promotional stunt.

The 1986-87 dairy princess said the past year "was one of the best experiences in my life." She thanked her parents, three brothers, grandparents, and her pianist for their support during the year.

Alternate princess, Kristine McCarty, a junior at the Montgomery Area High School, plans to attend business school to major in business management. She is a cheerleader and treasurer of her class.

Charlene Louise Budman, who will also serve as an alternate princess, is a junior at Montgomery Area High School and concurrently attends the Williamsport Community College majoring in cosmetology. She is a member of the track team and the church softball team, helps teach a Sunday school class, and is a member of the National Honor Society.

Judges for the pageant were Creedin Comman, Carlisle, and Mrs. Joyce Graybill and Mrs. Cindy Shellenberger, both of Mt. Joy.

Dairy of Distinction Awards were presented to Krotzer Farms, belonging to Allen, Katherine, Daryl, and Susan Krotzer, R1, Liberty, and the three-generation Max Paulhamus family operation at Linden, R.D.1.

Emcee was Don Evans, assistant director of Cooperative Extension, Penn State.

Margie Fuoss, center, was recently selected Lycoming County Dairy Princess. With her are alternates Charlene Louise Budman, left, and Kristine McCarty, right.

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WEDNESDAY, JULY 22

Placing of Exhibits..... 1-9 P.M.
(Made or Grown Between July 1986-1987)
(An Entry Fee of $2.00 will be charged for an exhibitor's number)
Bar-B-Q Chicken..... 6 P.M.
Pie Eating Contest..... 7 P.M.
Demolition Derby ($5.00).. 7 P.M.
Music by "John Hambley Band"..... 8 P.M.

THURSDAY, JULY 23

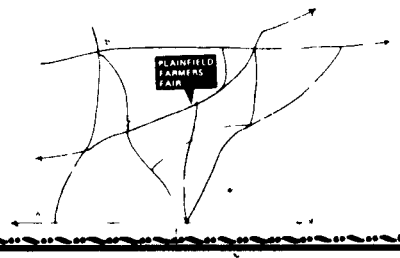
Judging of Entries.. Starts 9 A.M.
Placing of Baked Goods and Flowers..... 9:30-11 A.M.
Black and White Cattle Judging..... 10 A.M.
Bar-B-Q Chicken..... 6 P.M.
BMX Bike Races..... 7 P.M.
Music by "Broadway Buckaroos"..... 8 P.M.

FRIDAY, JULY 24

Cattle Judging (4-H and FFA)..... 10 A.M.
Steer Entries (4-H and FFA)..... 4 P.M.
Bar-B-Q Chicken..... 6 P.M.
Tractor Pull..... 7 P.M.
(Purse B Modified & Stock—$5 00)
Music by "Sonny Miller"... 8 P.M.

SATURDAY, JULY 25

Sheep Show Open..... 9 A.M.
Safe Tractor Driving (4-H and FFA)..... 9 A.M.
Steer Show (4-H and FFA) . 1 P.M.
Bar-B-Q Chicken..... 5 P.M.
Parkettes Gymnastics Team..... 6:30 P.M.
Lehigh Valley ¼ Midget Racers..... 7 P.M.
Watermelon Eating Contest..... 7 P.M.
Music by "Twitty Fever".. 8 P.M.
50/50 Drawing— Plainfield Farmers Assn..... Midnight



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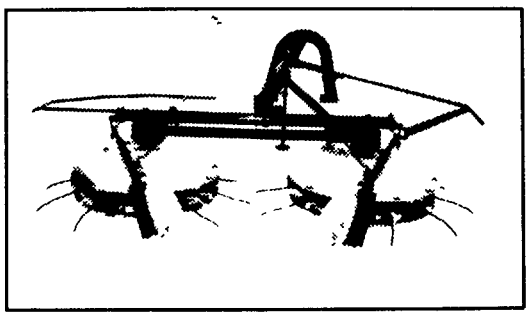

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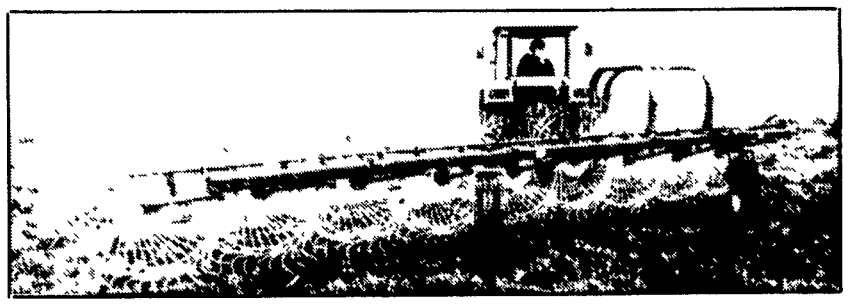

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Farm Women Societies

Lancaster Society 11

Lancaster Society 11 met June 25 at Huffnagle Park with Society 9 and county officers as guests. A picnic lunch was served at noon.

Devotions were led by Helen Shaub and the flag salute given.

Roll call was answered by 15 members and 24 guests.

After a short business meeting, the program included a song by 3 members of Society 17 about the activities of "Old MacDonald's Wife," and several games.

The next meeting will be held July 30 at the home of Aleta Wilbar.

Green Valley Society 26

Members of Green Valley Society 26 met recently at the home of Ethel Wilt.

The group made a donation to the Lewisberry library.

Twelve members were entertained by Society 13 at Adams Electric Company.

F.W.S. Calendar

Wednesday, July 8

Lancaster Society 8 entertains Society 6 at noon, Donegal Presbyterian Church, covered dish.

Thursday, July 9

Lancaster Society 9 meets at 12:30 p.m.

Lancaster Society 21 picnic, tour of Longwood Gardens.

Saturday, July 11

Lancaster Society 6 meets at the Mt. Gretna home of Mr. and Mrs. E. Musser Heisey, 2 p.m.

Lancaster Society 2 meets at Elsie Witmer's home for a surprise program.

Lancaster Society 10 meets at 10 Orchard Lane, Conestoga.

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Lehigh County 4-H members met with state legislators in Harrisburg recently during 4-H Capital Days. They are, from left, Rep. David Argall, Rep. Paul Semmel, 4-H member Heather Haas and Wendy Newhard, Rep. Don Snyder and 4-H'er Duane Wanamaker.

Lehigh 4-H'ers Get Inside View Of Government

ALLENTOWN – Lehigh County 4-H members had a chance to see the inner workings of the state government when they recently took part in State 4-H Capital Days in Harrisburg.

Delegates from Lehigh County were Heather Haas, Schnecksville; Duane Wanamaker, Kempton; and Wendy Newhard, Slatington.

Capital Days started with a tour of the Governor's Home and afterward separate groups visited the following state departments: Environmental Resources, Game Commission, Transportation, Education, Commerce, Community Affairs, Agriculture, Commission on Women, Commonwealth Court, State Police, and Crime and Delinquency.

All 4-H members participating had breakfast with their district's state representatives and senators. The legislators and 4-H members discussed local issues, legal developments and the status of the educational youth program. After the breakfast, the 4-H'ers toured the capitol and visited their legislator's office.

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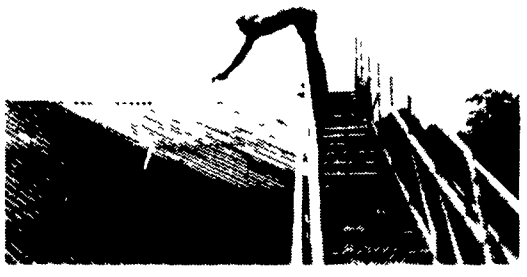

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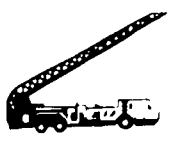

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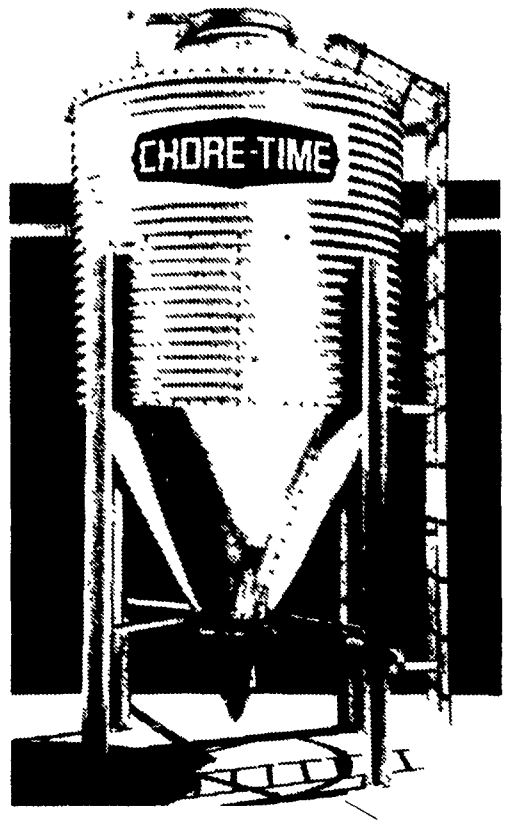

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Student Receives Mushroom Institute Scholarship

NEWARK, Del. – Gene Bartlett, a graduate student in the department of entomology and applied ecology at the University of Delaware, has received a $2,000 James W. Sinden scholarship to study the molecular basis for pesticide resistance in the mushroom fly.

The scholarship, which is administered by trustees of the American Mushroom Institute, is named in honor of a leading mushroom scientist and is available nationally to graduate students conducting mushroom-related research.

Larvae of the fly ***Lycoriella mali*** feed on mushrooms and spread a fungus disease, ***Verticillium***, costing the industry about $20 million a year in damage to the crop. The flies are reported to become resistant to the chemical used to control them. Bartlett and his advisor, Dr. Clifford B. Keil, a Delaware agricultural experiment station researcher, are trying to discover how this resistance develops. Keil is an insect physiologist/geneticist.

With the aid of his scholarship, Bartlett will conduct a two-year study of flies taken from a number of area mushroom houses, calculate changes in their susceptibility to the insecticide permethrin, and attempt to link these changes to genetic/biochemical changes in the fly—specifically, changes in an enzyme that is believed to be the detoxifying agent.

University of Delaware biology doctoral candidate Gene Bartlett was awarded a $2,000 James W. Sinden scholarship to study pesticide resistance in the mushroom fly.

Knowledge of the fly's method of detoxification and development of a technique to monitor the evolution of the process would allow scientists to predict future resistance problems before they occur and to develop new insecticides that are effective over longer periods of time. This knowledge would also be useful in dealing with the problem of pesticide resistance in other insect species.

After completing his doctoral studies at the university, Bartlett hopes to continue working in the field of insecticide resistance, probably at a U.S. Department of Agriculture research center

Upper Dauphin Student Wins National Ag Award

MILLERSBURG — Linda Buffington, a student at Upper Dauphin Area High School, has been named a United States National Award Winner in agriculture, the United States Achievement Academy announced recently.

The award is a prestigious honor that few students ever attain. The Academy recognizes less than 10 percent of all American high school students.

Linda will appear in the United States Achievement Academy Official Yearbook, published nationally.

"Recognizing and supporting our youth is more important than ever before in America's history. Certainly the United States Achievement Academy award winners should be congratulated and appreciated for their dedication to excellence and achievement," said Dr. George Stevens, executive director for the Academy.

The Academy selectes USAA winners upon the exclusive recomendation of teachers, coaches, counselors or other school sponsors and upon the Standards of Selection set forth by the Academy. The criteria for selection are a student's academic performance, interest and aptitude, leadership qualities, responsibility, enthusiasm, motivation to learn and improve citizenship, attitude and cooperative spirit, dependability and recommendation from a teacher or director.

Linda is the daughter of Mr. and Mrs. Donald Buffington.

Governor's School For Ag Convenes At PSU

UNIVERSITY PARK – Wondering what to do this summer is not a problem for 65 bright high school students across the state who are attending the second Pennsylvania Governor's School for Agriculture at Penn State's University Park Campus, June 28 to Aug. 1.

Selected from more than 300 applicants, the academically talented scholars, will spend five weeks in an intensive research-based program studying the science, technology and policy of food, agriculture and natural resources

The Governor's School curriculum consists of core courses, electives and independent research projects. Core courses include plant and animal physiology, food science, leadership development, and soil and land use as well as a course in agricultural research methods that emphasizes the use of computers. Elective courses include critical issues such as water quality and genetics.

In addition, each student will have the opportunity to focus on an independent research project, working individually with a faculty member in the College of Agriculture.

The Governor's School is sponsored by the Pennsylvania Department of Education, the state's intermediate units and Penn State's College of Agriculture All participants receive full scholarships to the program.

According to Mortensen, who is also associate dean for resident education in the College of Agriculture, "the school is designed to give outstanding students a better understanding of the entire agricultural system, not just isolated topics. The Governor's School also will give accelerated students a chance to meet each other and to take advantage of the research facilities at Penn State "

In addition to a weekly class in agricultural practices taught at Penn State's Circleville Farm, the College demonstration farm, these students will explore biotechnology and some of the other newer technologies of agricultural research.

"Our scientists are looking forward to teaching in the Governor's School because the students are so enthusiastic and inquisitive. It's very rewarding to teach bright, hardworking students of any age," says Mortensen.

Pennsylvania Governor's Schools also are offered in the arts, sciences, business, and international studies. Questions about the Governor's School for Agriculture can be directed to the Governor's School hotline at Penn State: (814) 865-7521.

Roundup Winners

HONESDALE – Karen Lorenzen of R3 Honesdale and a member of the Cold Springs 4-H Ag. Club, received the grand champion rosette at the recent Wayne County 4-H Strawberry Round-up.

Jenny Davis, R2 Hawley and a member of the Calkins 4-H Ag. Club, received the reserve grand champion rosette for her entry of strawberries in this round-up.

Others exhibiting strawberries and receiving blue ribbons for their entries included: Anna Rutledge, Sharon Rutledge and Carrie Rutledge, all from R1 Equinunk and members of the Tri-Gal 4-H Club.

Pesticide Storage Plans

NEWARK, Del. – The safe and secure storage of pesticides should be an important part of every farmer's pest management program. Many growers store pesticides where they're easily accessible to anyone. It's safer to keep them in a separate building designed specifically for storing and handling toxic chemicals.

A USDA plan for such a building is available from extension agricultural engineer Jim Scarborough. According to Scarborough, the 12-foot by 20-foot structure has a 14- by 12-foot area for storing pesticide containers and a separate section equipped with water and a work bench for mixing chemicals. For comfort, the work area is heated with a fire department-approved heating unit. It also contains an exhaust fan for adequate ventilation. The specifications include an outside concrete pad for loading and cleaning spary equipment.

Blueprints of this plan are available for 50 cents by writing: Extension Agricultural Engineer — Plan Service, 058 Townsend Hall, University of Delaware, Newark, DE 19717-1303. Ask for Plan No. 6346, "Pesticide Storage Building."

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Pork Fest Recipe Contest Set

ADAMSTOWN — The third annual Pennsylvania Pork Fest Recipe Contest has been set for Aug. 15, at the Bavarian Summer Festival held at Ed Stoudt's Black Angus Restaurant, Adamstown. The contest features more than $650 in prizes.

Any Pennsylvania resident who is not a professional food preparer may enter his favorite pork recipe. Recipes must be specific, serve four, and be original. Submitted recipes will be screened by a panel of judges. The top ten finalists will then bring their prepared pork recipes to the Bavarian Summer Festival. The recipes will be judged by a panel of three judges on: originality, taste, ease of preparation, practicality, appearance and low calories.

The top prize winner will receive $125, dinner for two at Ed Stoudt's Black Angus Restaurant and $30 worth of pork products. Second through tenth place winners will receive a total of $150 in pork product awards. Cash awards are as follows: second - $100; third - $75; fourth - $50; fifth - $25; sixth through tenth - $15 each. Finalists will also be reimbursed partial mileage expenses.

Entires must be received by July 27, 1987. Finalists will be notified by July 29. To receive a complete set of Pork Fest Recipe Contest Rules, write to: PORK FEST, Bureau of Markets, 2301 N. Cameron Street, Harrisburg, PA 17110, telephone 717-787-5086.

Cumberland Extension Honors Keck

The Cumberland County Agriculture and Home Economic Extension board of directors honored Mrs. Vada Keck, right, for 35 years of service during a recent staff assembly. Dr. John Enck, president of the Extension board of directors, left, presented her with a plaque and gift.

Mrs. Keck started to work for the Extension Service in 1951 and is presently executive secretary at the Extension office in Carlisle.

4-H Extension Agents Win Communications Awards

Winners in the Pennsylvania Association of Extension 4-H Agents Communications Program included, from left, Gere Reed, Susquehanna County 4-H coordinator, first place winner for news story and promotion/public relations; Kathy Lichtenwalner, Lehigh County 4-H coordinator, first place in direct mail piece and educational leaflet; Don Tanner, Schuylkill County 4-H coordinator, first place feature story; Zoann Parker, Lancaster County 4-H coordinator, first place newsletter; and Nancy Kadwill, Montgomery County 4-H coordinator, first place video cassette program. The awards were sponsored by Lancaster Farming.

Lancaster 4-H Fair Set For August

LANCASTER — The Lancaster County 4-H Fair will be held Aug. 18 to 20 at the Solanco Fairgrounds, announced Zoann Parker, 4-H extension agent. The event will be the highlight and roundup for many of the 4-H projects offered throughout the county.

"A benefit auction, chicken barbeque, 4-H olympics, projects, crafts, and livestock shows will be featured throughout the three day event," Parker explained. "Each individual 4-H'er has the opportunity to get personally involved in some aspect of the fair, and we're hoping to make it a resounding success."

One special fair event involving the whole community is the 4-H Auction. Donated items are now being for sale at the auction Aug. 19 to 6 p.m.

"All monies earned at the 4-H auction go to support our 4-H program," Parker noted. "We have close to 4,000 4-H'ers in the county, and we use the 4-H auction as a fund raiser for the year."

Both individuals and businesses can make a tax deductible donation. For more information, contact Ms. Zoann Parker, Lancaster County Extension Office, 1383 Arcadia Road, Lancaster, Pa. 17601, 717-394-6851.

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Corn Irrigation Bulletin

NEWARK, Del. — Experiment station scientists and extension specialists at the University of Delaware have studied many aspects of corn irrigation over the past 10 years. Their findings have been instrumental in doubling Delaware's irrigated crop acreage during that time — mostly for corn production. This information is now available in a 66-page bulletin, "Irrigated Corn Production: A Guide to Profitable High Yields," published jointly by University of Delaware Agricultural Experiment Station and Cooperative Extension.

Delaware residents can pick up a free copy of the publication at county extension offices in Newark, Dover and Georgetown. Ask for the bulletin on "Irrigated Corn Production." Copies are also available by mail or to out-of-state residents by sending $3 (make check payable to "University of Delaware") to New Castle County Extension Office, Townsend Hall, University of Delaware, Newark, DE 19717-1303.

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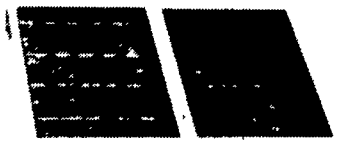

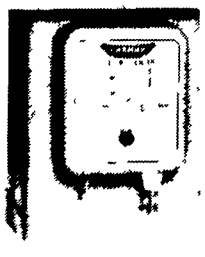

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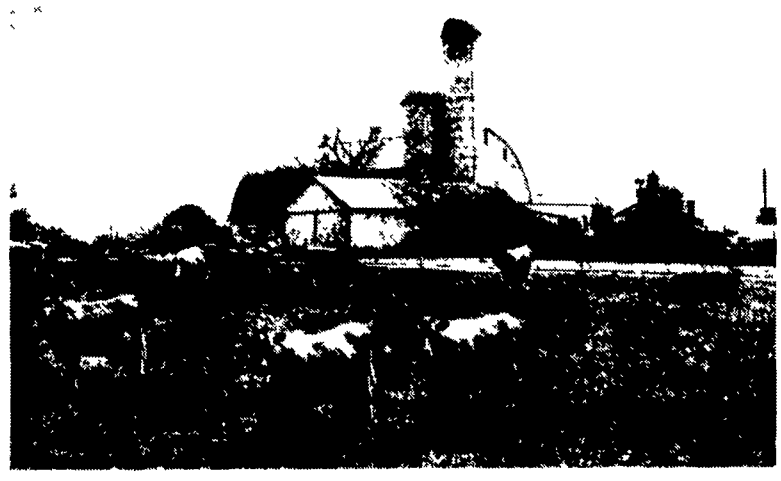

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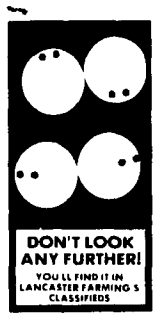

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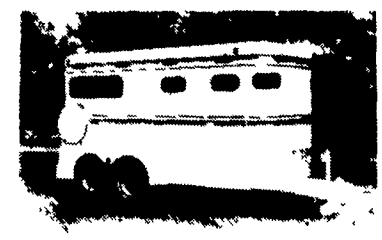
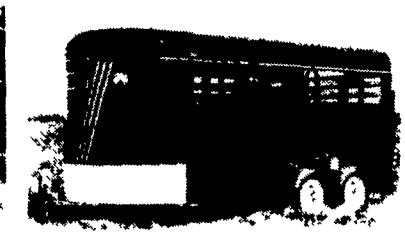


Golden Hawk - 2 Horse w/Dressing Room



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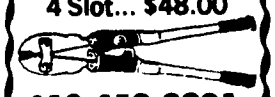

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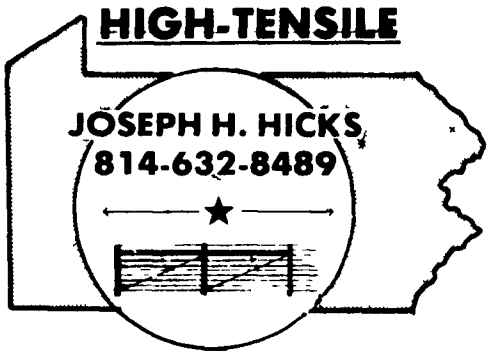

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11 Swine
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35 Trucks and Trailers
36 Real Estate

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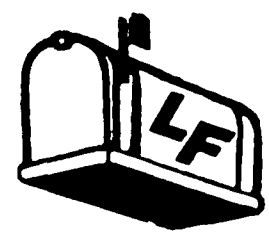

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15	4.35	8 70	10 35
16	4 64	9 28	11 04
17	4 93	9 86	11 73
18	5.22	10 44	12 42
19	5.51	11 02	13.11
20	5 80	11 60	13.80

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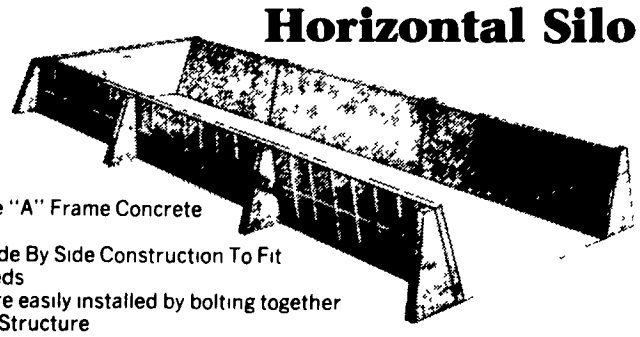

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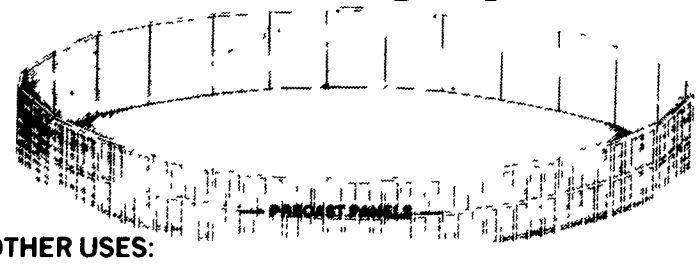

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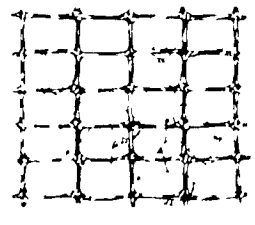

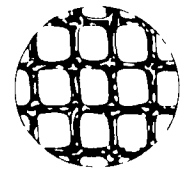

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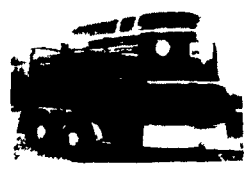

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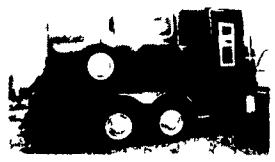

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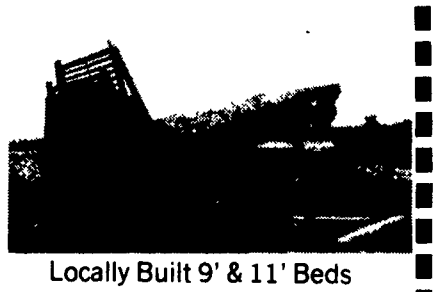

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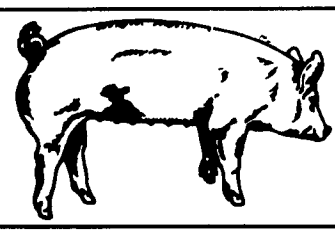

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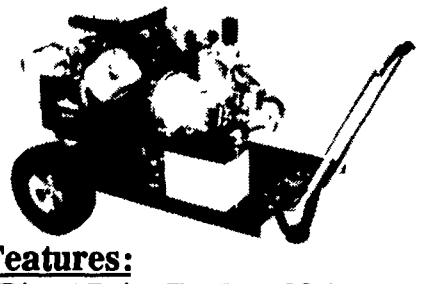

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Large Volume 1st Cutting
Orchard Grass
Available in Large Square Bales
(Approx. 1,350 lbs.)
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60 ft. scale
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If no answer 717-529-2204

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16 FERTILIZER

WANTED: Chicken Manure. Berks Co 215-488-6835.

M.H. Martin Co.
Lancaster County, PA
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Mushroom Garden Soil
Hardwood
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SPECIAL SPECIAL
Lancaster County
$10 per ton for Poultry Manure delivered on your farm

BROILER MANURE FOR SALE
* Delivered in 22 ton loads
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16 FERTILIZER

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POULTRY MANURE
Delivered Prices
Dauphin, Juniata, Lebanon, Cumberland and Snyder Counties $11.00
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17 PLANTS

Cauliflower, Cabbage & Broccoli plants. 717-859-1662. Paul Breneman, Route 4, Box 20, Lititz, Pa. 17543.

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PLANTS FOR SALE
Snowcrown Cauliflower, Green Valiant and Green Defender Broccoli, Bravo Cabbage, Fordhook Celery, $30/1000.
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18 FRUITS AND VEGETABLES

Blueberries to pick, 50-cents pound, 3 miles northwest Manheim. Open Mondays, Wednesdays, Fridays & Saturdays. Nixon's, 665-6464.

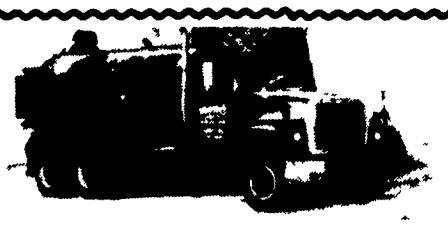
Tart Cherries, pick your own. After July 4th, .20 cents per lb. Lyons, NY. Route 14 North. 315-946-9213 after 5 p.m.

20 LAWN AND GARDEN

Echo 400 HD gas string trimmer or brush cutter, $200. 717-653-8054 or 717-285-3208 after 4 p.m.

Lawn & Garden sprayer, ideal for trees & lawn care, $199. 717-569-3359

21 SERVICES OFFERED



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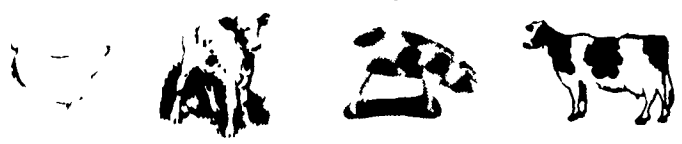

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For BEST SCHEDULING Call 2-3 Weeks Ahead
We're Looking Forward To Your Business
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The Classified Livestock Section Has Beastly Selections!

21 SERVICES OFFERED

Akers Blacktop Sealing Driveways, Parking Lots, Stripping. 717-684-6555

BRADFORD'S HOOF TRIMMING. 301-378-4603 or 301-838-5105.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

WANTED: Return loads for drop deck trailer from Lancaster and surrounding area to Finger Lakes and Central New York. Also dump trailer and van available. Frank Bloom, Dundee, NY, 607-243-8448 or 607-243-8400.

22 CUSTOM WORK

Am considering putting a truck spreader in service for poultry or semi solid manure. Would like to know how much interest there would be. 717-733-0873.

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bags 8'x100' or 8'x150'
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Using Poly Farm 3 Ply Bonded Tri-X Bags. We Have New & Used Bagging Machine For Sale. Also Silage Bags To Fit All Machines.

22 CUSTOM WORK

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We have bags and boxes that will give your produce the "FRESH" look. We carry Vexar mesh bags for onions, peppers, potatoes and apples - All Sizes and Colors.

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Rubber bands, wire ties, twine, etc. Also bags for grain - ice - coal - sand When it comes to packaging we're your #1 Source for Everything.

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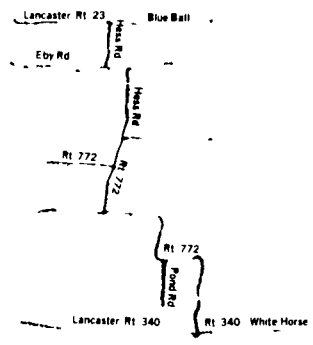
Match your house with paint and trim color.



Benj S. Stoltzfus
344 Hess Rd., Leola, PA 17540

23 HELP WANTED

Two dairy farm employees. Job requires four to six hours per day of milking in parlor. Balance of time general farm work. Must have experience. $5 per hour. Berks Co. 215-488-6835.

Assistant herdsperson for 75 cow registered holstein dairy. Some crop work. Also summer position available. 19,800 herd average. Experience not needed but preferred. Lehigh Co. Excelsior Farm 215-799-3489.

Central PA milk jugger is seeking a modern thinking team (or family) of 2 or more people to manage & care for 90 cow commercial herd. Duty is milk production, not cropping. Complete operating freedom is offered, but the ability to work within & agreed budget is expected. Rate of pay is $2.30 per cwt sold. House is available if needed. Qualifications please, send to. Box 246, Northumberland, Pa. 17857.

DAIRYPERSON WANTED AFTER AUGUST 1st Milking and feeding, general cow care for 175 cow herd. Very little field work. House and utilities furnished. References required. Northern Virginia area. 703-825-6538.

Experienced roofing & siding applicators needed. Good pay & benefits. Call 717-392-3180

WANTED: Herdsperson for Wayne County dairy farm. Must be reliable. Prefer family man. Housing available. 717-253-2945.

Friendly Home Parties has openings for Managers and Dealers in your area. Largest line in party plan, free kit, brand new Christmas catalog, toy, gift, and home decor catalog. Over 800 items. Top commission & hostess gifts, call for free catalog 1-800-227-1510 or call collect 0-518-452-0091.

Full time help wanted, on 50 cow dairy farm Milking, herd health, field work. Salary & hours negotiable Berks Co. 215-488-7597

Full time dairy farm help wanted Must have milking, field experience & references Chester Co 215-436-0444.

Full time feedyard help. Responsibilities to assist in feeding, checking, and treatment of cattle in 5,000 head feedyard located in Maryland. Some background experience necessary, good salary with benefits. Call 302-398-8014 after 7:30 p.m

Full time help needed on corn research farm, in Manheim, Mt. Joy area. July 10 to August 10. $4.00/hr. Must be at least 14. No experience required. Call for more information. 717-653-8138

23 HELP WANTED

Manager: 130 Sow farrow to finish confinement operation. Responsible for breeding. Salary plus house. Central NY State. 607-582-6874.

Manager responsible for breeding, production, health of dairy herd in Southeastern, PA. Must have experience or degree in dairy science. Send resume to Lancaster Farming, PO Box 366, A-134, Lititz, PA 17543.

Milker, experienced, immediate opening, modern dairy, house & utilities. Write qualifications. Carwytham Farm, Box AF, Bridgehampton, NY 11932.

Nursery help wanted. Working foreman, knowledge of nursery industry, experienced on tractors & diggers. Year around employment. Housing included. Washington Co. 412-356-2282

Part time farm help for vineyard work. Send name, address & phone number: 606 Bunker Hill Rd., Strasburg, Pa. 17579.

Person wanted to milk cows & do general farm work. Excellent house available. 301-592-7992

ROSE GROWER: Steady, full-time greenhouse work growing roses as cut flowers. Agricultural, landscape or nursery experience helpful. Company provides benefits and is located near Willow Grove, PA, in eastern Montgomery county. Contact Dave Zieger, Days 215-659-0375; eves. 215-659-7383.

FARM HELP: Mature couple to work on modern registered holstein dairy farm. Apartment available. Prefer non-smoker/drinker. 201-454-5811.

Fast growing Food Products Company is actively seeking a reliable, hardworking individual to handle all aspects of transportation. Including routing, driver training & maintenance. Driving ability & some maintenance knowledge a must. Interested applicants apply to: Hi-N-Lite Farms, RD3, Box 179A, Tamaqua, Pa. 18252. 717-386-5777

Good reliable herdsman needed for modern dairy farm. Good wages, housing & benefits. 301-271-2268

HELP WANTED: Full time, responsible person to take care of feeding, total mixed ration, on dairy & beef farm. Immediate employment available. Lancaster Co. 717-665-4189.

Help needed on grain, potato & poultry farm for general farm work. Machinery experience & references desirable. We provide nice home & benefits. Lehigh Co. 215-965-5214. Evenings, 215-967-4903.

Help Wanted: Herdsman for a 175 animal modern dairy farm, in Huntingdon Co. 814-632-6380

Help Wanted: Assistant herdsperson for 200 cow dairy herd. Modern facilities, salary and benefits based on experience. Advancement possibilities. Lehigh County, 215-298-2381.

Help Wanted: Good, reliable couple for dairy farm. Need references. House available. Good salary. Experience w/milking and field work. 717-867-2962.

Help wanted on dairy farm. General farm work. Also, part time milking for wife, if so desired. York Co. 717-862-3970.

Herdsman wanted for 150 cow herd, in Indiana Co. Good salary, time off, and benefits. Patience & experience desirable. 412-254-4653

KENNEL HELP: Must be good with cannines. House available. 215-347-2186.

Long distance truck driver to haul new farm machinery. Must be at least 25 & have good driving record. New Holland, PA. 717-354-6638.

WORKING HERDSPERSON to work with 150 cow modern dairy. Gettysburg area. 717-334-8553.

FULL TIME EMPLOYEE FOR DAIRY FARM.
Milking & field responsibilities, housing plus salary Send resume to PO Box 211, Mercersburg, PA 17236

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc
717-266-5611

HERDSMAN POSITION AVAILABLE IMMEDIATELY
Free stall dairy with cows as main responsibility. Prefer Christian person. Salary negotiable with usual benefits. Housing available.
Dan Morehouse
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607-263-5211

DHIA Supervisor for Northern Chester County
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HELP WANTED

Aggressive and growing farm machinery and lawn and garden dealer needs an ambitious and talented mechanic.

Engine and welding knowledge helpful but being conscientious and possessing common sense essential. Farm background preferred.

Pleasant working conditions with excellent benefits.

Apply in person:
Umberger's of Fontana
Rt. 4, Lebanon
8 miles E. of Hershey on Rt. 322
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WANTED
Mobile mill operator in Lancaster County. 95% dairy work. Good benefits, vacations. 20 to 25K per year.
Send resume to:
Lancaster Farming
P.O. Box 366, L-136
Lititz, PA 17543

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know whom to contact
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Are you one of them?
Remember the Agricultural Employment Specialists.
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Dairy Farmer Wanted In Lycoming County
All around farmer wanted, the right one that is really interested in dairy farming. Someone who will take interest in care about the cattle & farming. Modern home available, talking good wages for the right person. Reference a must.
Don't answer ad unless you are interested in farming.
Send resume to:
Lancaster Farming
P.O. Box 366 A-133
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AI Employment Opportunities
Responsible and motivated persons who seek a rewarding and progressive career working with people are welcome to apply for work in artificial insemination sales and service for cattle. Preferred: ag background, safe driving record, willing to relocate in PA, education and/or experience given positive consideration. Compensation: above average income, fringe benefits, equipment provided, paid training, travel allowance. Mail resume to:
Atlantic Breeders Cooperative
1575 Apollo Drive,
Lancaster, PA 17601

Progressive Full Time Seed Company has opening for full time district sales manager in Eastern, Penna. Previous experience in seed sales necessary. Must be aggressive self starter with proven track record in the business. Compensation to include salary, company car, expenses, benefits and excellent bonus program. Apply only if you are a self starter with a proven track record.

Reply to:
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P.O. Box 366, L-135
Lititz, PA 17543

Person Needed For Farm Work
Some truck driving available.
House available.
Apply in person.

Hess Mills
6 S. Vintage Rd.
Paradise

23 HELP WANTED

Full time help wanted on 150 cow dairy farm. Experience preferred. Milking, feeding, field work. Christian family preferred. Perry County, 717-789-3070.

Good reliable help w/ management ability for modern dairy farm. Good wages, housing & other benefits. 301-271-2268

Person (male or female) needed for milking and general farm work on large modern Lancaster County dairy farm. Will train the right person.

215-267-7070
after 6 p.m.

Farm Equipment Appraisers needed Are you familiar with Farm Equipment values? If you are, you may be qualified to become a Certified Farm Equipment Appraiser
Call
208-734-7570
American Society of Farm Equipment Appraisers
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Person capable of taking care of complete cow-calf operation and do general farming in northern Virginia. Only non-drinkers need apply.
703-668-6253

STAFF WRITER WANTED
Lancaster Farming needs a staff writer to work out of the Lititz office. Must know farming and cameras. Excellent pay and extras for right person.
Send several writing samples and a resume to:
Everett Newswanger
Managing Editor
Lancaster Farming Newspaper
Box 366,
Lititz, PA 17543

Individual to assist on parts counter, shipping, receiving & occasional deliveries. Must have Class III drivers license and get along well with people. Rapid promotion, good pay & benefits are available for qualified individual. Send work history & references to
Lancaster Farming
PO Box 366-R-106
Lititz, PA 17543

ASSISTANT HERDSMAN
Outstanding Eastern Pennsylvania Registered Holstein farm. Primary responsibilities include milking, feeding, and assisting with herd health and embryo transfer for approx. 50 milking cows plus young stock. Blue Cross, Blue Shield & apartment provided w/utilities. Send resume including reference to
Lancaster Farming
PO Box 366-A-138
Lititz, PA 17543

TRUCK MECHANIC
Experienced on light & heavy duty trucks, either gas or diesel. Competitive wage scale w/good benefits. Call for interview.
8 a.m. to 4:30 p.m.
215-589-4581
Central Garage Inc.
RD 1, Box 111
Womelsdorf, PA 19567

Person w/experience operating farm equipment & working w/dairy cows. Job involves feeding w/mixer wagon, scraping & moving cows to and from parlor. 760 cow dairy operates 24 hours per day. Regular hours, days off, benefits.
Frey Dairy Farms, Inc.
Route 2
Conestoga, Lanc. Co.
717-872-6071 Days
Ask For Tom

OPERATIONS MANAGER
w/Management, Sales And Ag Background. Accounting/ Inventory Control Background Preferred.
Must Be Highly Organized.

Full Benefits, Excellent Base Salary Plus Bonus.

Send Resume To:
Thom Keller
Keller Bros. Tractor Co.
Rt. 7, Box 405 Lebanon, PA 17042

FARM MANAGER POSITION FOR...
...a person interested in career agriculture. Must have excellent mechanical skills and must be capable of handling a large grasslands operation.

This is an excellent opportunity for the right person.

Send resume to:
PO Box 129
New Freedom, PA 17349

Experienced person wanted to work on hog-beef farm, in Lancaster County. To be responsible for all field work & machinery maintenance. Also in charge of flock of sheep. Large farmhouse, all utilities, family hospitalization. Must have truck operators license Send resume & references to:
Lancaster Farming
P.O. Box 366 K-147
Lititz, PA 17543

HEAD FARMER
NJ Dept. of Corrections
Highly motivated, mechanically inclined individual needed to supervise milk plant operation at Jones Farm. All Civil Service benefits. We will train. Farm background necessary.
Phone **609-771-9851**
George Atchley for interview

PLANT FOREMAN
Experienced in supervising people. Involves work flow scheduling, monitoring quality control of hatching baby chicks, mechanical abilities, agricultural background preferred, company benefits with well established 40 year old company. Apply
MOYER'S CHICKS
266 E. Paletown Rd.
Quakertown, PA 18951
215-536-3155

HELP WANTED
For Manufacturing Livestock Feed And Some Truck Driving.
Must Be:
- Willing to work afternoons & evenings
- Able to drive tri-axle bulk truck
- Quality conscious
- Neat appearance

Apply At
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(717) 626-0331

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A requirement exists for an individual to sell a full line of agricultural seeds in southeastern Pennsylvania and New Jersey. Some sales experience is required. Qualified individuals must have a background in agriculture. Interested persons should submit their resume in confidence to:
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Marketing Manager
Beachley-Hardy Seed Company
P.O. Box 336
Camp Hill, PA 17011

Help Wanted
PARTS/COUNTER PERSON
Needed For Modern Computerized Farm and Lawn & Garden Dealer.
Must Be People Friendly and Hard Working. This Is A Permanent Position For The Right Person!
Apply At:
ERB & HENRY EQUIPMENT, INC.
New Berlinville, Pa.
Or Call For Application -
215-367-2169

24 SITUATIONS WANTED

Qualified herdsman or field worker. Well experienced. Mid 30s and small family. Call before 9AM, after 5PM. 301-692-6886.

25 BUSINESS OPPORTUNITIES

Need Extra Money? Don't borrow, lend. Works for anyone. Free details. Send SASE to Dept. 627F, Box 337, Loch Sheldrake, N.Y. 12759.

Own your own beautiful discount shoe store. Offering over 300 top designer name brands and over 1500 styles at unbelievable retail prices of $6 75 and up. All first quality merchandise. Satisfaction Guaranteed. *Andrew Geller *Evan Picone *Naturalizer *Stride Rite *Bandolino *Reebok *Amalfi *9 West *Gloria Vanderbilt and many more. Handbags and accessories also. $16,900.00 to $39,900.00 includes beginning inventory, training and fixtures. Call Anytime. Prestige Fashions. 1-800-247-9127

NEED EXTRA MONEY?
And don't want to be tied down to a full time job?
This is your opportunity
Phone
(717) 626-1151

26 HOUSEHOLD

WANTED: Old farm books, magazines, USDA and Extension publications, farm equipment and dairy publications, etc. Also advertising cards, pieces. Any items from early farm days dated before 1979 is of interest. Call 717-394-4219 or write to: Farm Collection, 1753 Lincoln Highway East, Lancaster, PA 17602.

27 PETS

FOR SALE Minature collie, 9-female, 2-male $150, AKC papers, 1-female 1½ yr. old 2-female 3½ yr. old 2-female 2 yr. old 4-female 1 yr old 215-445-5796

For Sale. Poodle Pups, standard & toy Cocker Pups, AKC, black, red & chocolate. 804-725-5788

For Sale Red Bone Puppies, UKC, Registered Coon Hounds, 9 weeks old, vaccinated & ready to go. 814-695-7426

WANTED: Border Collie Puppy, brown & white. Write or Call Robert Cummings, Rt. 5, Box 348, Quakertown, Pa. 18951. Call 215-536-9293

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
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P S We buy pups 52 weeks a year

Border collie pups females, registered, working parents, excellent bloodlines Guaranteed working instinct. 215-285-2021 evenings.

Catahoula dogs and pups for sale. 215-493-4900.

FOR SALE: Collie pups, 8 weeks old $10 717-529-6029

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters
Stud service for most breeds
Forest Ridge Kennel
296 S Vintage Road
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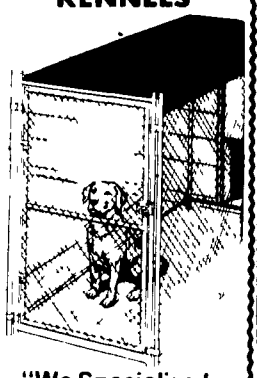
PUPS WANTED By Jo Jo The Dog Man
$ Top Dollar Paid
on Monday, July 27th
I will pick up pups in the following towns:
Christiana, 3 PM,
Kirkwood, 3 30,
Quarryville, 4 PM,
Georgetown, 4 30,
Strasburg 5 PM,
Intercourse 5 30
New Holland, 6 PM,
Ephrata 7 PM
Blue Ball, 7 30,
Terre Hill 8 PM
Honey Brook, 8 30
Morgantown, 9 PM
Call for details
on Tuesday, July 28th
I will reopen the puppy stand at Root's Farm Market on Tuesday July 28th 5.00 8 00 PM There will be a
$50 prize
for the cutest pup purchased on Monday July 27th and Tuesday July 28th
Pups wanted in litter lots only to 8 weeks old No adult dogs handled
Root's Farm Market is located exactly 10 miles south of the PA turnpike exit #20, 3 miles south of Manheim, PA off Rt 72.
For Information Call
JoJo The Dog Man
609-452-8903
Before Noon

27 PETS

AKC chow-chow breeders. Your choice. Black or brown. 215-273-3487

CUSTOM BUILT CHAIN LINK KENNELS



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10 wk. male St. Bernard, AKC Reg., shots & wormed, champion bloodlines, $300. 814-627-6450

AKC Puppies Wanted
Will Pick Up
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$ MONEY FOR PUPS
In litter lots for resale in my pet shop Will pick up
Cash paid
Call
Charlie Hackett
mornings
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31 NOTICE

Am considering putting a truck spreader in service for poultry or semi solid manure. Would like to know how much interest there would be. 717-733-0873.

Power House Antique & Flea Market
Collectible Avon, Tools, Antiques, Books, Furniture, Jewelry, Baseball Cards, Etc.
Open Every Sunday, 9 A.M.
Route 29, North of Route 422, Collegeville
Phone 215-489-7388

32 MISCELLANEOUS

For Sale: Walk-in w/like new compressor; Cider making equipment, in good condition. 717-264-3646

Large wooden butcher block, $375; Steer knock down pen, $75. 717-386-4899

New delux road side stand 8x8 with stainless steel counter top and tile floor. 215-445-6061.

Pole Buildings 24'x40' completely erected $3,799.00. Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Anytime. Material Only Packages Available.

WANTED: Old farm books, magazines, USDA and Extension publications, farm equipment and dairy publications, etc. Also advertising cards, pieces. Any items from early farm days dated before 1979 is of interest. Call 717-394-4219 or write to: Farm Collection, 1753 Lincoln Highway East, Lancaster, PA 17602.

33 RECREATIONAL VEHICLES

For Sale: 1984 Ford Mini motor home, A/C, P/S, P/B, new condition, $18,750. 717-838-9619 or 717-838-5267.

34 AUTOS

1976 Lincoln Mark 4, fully equipped, two tone, excellent condition, newly inspected. 717-668-1399.

Horizon, 1983, 4 door, 4 speed, black, very good. York Co. 717-235-2200, no Sunday calls.

35 TRUCKS AND TRAILERS

For Sale: Chevy grain truck, 33,000 GVW 215-932-9021

For Sale: Complete set of cut off Mack (38,000) rears, fifth wheel & all, $2200 OBO. Contact Eli Mast, RD3, Box 13, Meyersdale, PA 15552.

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New & rebuilt Chevrolet V8 motors. 717-762-7940.

Want oil pan, early model T-Ford, no bottom. Inspection plate can be rusty and have holes. 607-525-6442.

FOR SALE: Ford 20' cattle truck w/built on sleeper. 201-989-8258.

Ford F600, V8, 4+2 axle, 21,000 GVW. Excellent like new condition. 13½' grain bed, hoist, 42" steel sides, wood floor, removable stock racks, custom tarp. NO RUST. Never set out. $6500. 814-237-0286.

35 TRUCKS AND TRAILERS

'86 GMC 2500, ¾ ton, 4 x 4, 350 4 spd., PS, PB, 2,000 miles w/balance factory warranty, like new, $11,500. 717-733-2873

'86 GMC HD ¾ ton 4x4, 350 4 spd., PS, PB, AM-FM, 8,600 GVW, lock out hubs, 5,000 miles, $11,500. 717-733-2873

9-Ton Eager Beaver trailer, 1983, $3,000 OBO. 215-795-2154, 795-2170.

Int. 4200, 1977 Model, tandem axle tractor, 318 Detroit, 13SP, excellent condition $9,500. 717-359-7542.

Lift axle for truck complete w/tires 4:11 rear for truck. 301-378-3393.

'86 Ford F350, diesel w/9' Scott dump body, 4 spd., PS, PB, 11,000 GVW w/factory warranty, $15,800. 717-733-2873

'86 Ford F350, 4 door, crew cab, 351 HO auto., PB, PS, air, AM-FM, dual tanks, 9,600 GVW, 8,000 miles, like new, $13,900. 717-733-2873

Fifth wheel hydraulic dump trailer, removable sides, 31,500 GVW. 717-589-3614.

FOR SALE: 1972 Int. 26,000 GVW, 14½' flat bed w/4' grain sides (SHARP) $5,000; 1952 Ford dump, F750, 26,000 GVW $800. Cambria Co. 814-487-5139.

For Sale: Sub frame for dump bed, 13', twin 25,000 lb. cylinders. Also Neway tag axle, 2 air bags, 20" spoke; Int. RD501 engine. 717-862-3466

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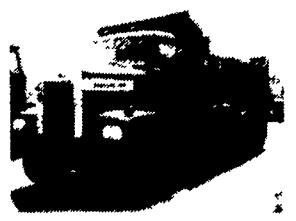
1977 White 290 Cummins, 10 Spd

1978 Ford LN9000, 290 Cummins, Jake Brake, 8 Spd, 44 r Two in stock One has new in frame overhaul

1974 Ford CN 8000; 3208 Cat, 13 Spd 44 r 15' bed



1971 Dia-Reo, 270 Cummins, 13 spd, new bed & hoist, Jake Brake

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32 MISCELLANEOUS

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Rockford hydraulic metal planer, 24x36, V.G. condition, $2,700. 201-453-2088.

FOR SALE: Plastic and steel 55 gal. barrels. Can deliver. Plastic drums $1 a piece or 50 cents a piece for all. Steel drums $1.50 a piece. Lehigh Co. 215-298-2057.

For Sale: Shenandoah gas fired incinerator. 301-842-3543

For Sale: Thousand trails unlimited resorts membership. Take over payments and transfer fees. 804-248-6645.

FOR SALE
Used three wheel bicycle. Practically new, not over 20 miles.
717-768-8932

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35 TRUCKS AND TRAILERS

'79 Chevy C30 w/9' stake body, 292 4 spd., PS, PB, 60,000 miles, $5,200. 717-733-2873

'82 Chevy Luv, diesel, 4WD, 4 spd. w/crossover tool box, two meter snowplow & many extras, very good condition. Asking $5,500. 717-784-0911

'84 Chevy HD ¾ ton 4x4, 350 4 spd., PS, PB, AM-FM, 8,600 GVW, 27,000 miles, excellent condition, $9,000. 717-733-2873

'85 Chevy C30 4x4, 350 auto., PB, PS, air, AM-FM, dual tanks, lock out hubs, 9,200 GVW, $9,800. 717-733-2873

'85 Chevy C20, ¾ ton, 3 0 5 auto., PB, PS, air, AM-FM, 33,000 miles, new radials, $7,950 717-733-2873

'85 Chevy C10 ½ ton 4x4, 305 auto., PB, PS, AM-FM, 6,100 GVW, $8,900. 717-733-2873

FOR SALE: 40' flatbed trailers. 1975 R Model Mack. 215-945-6580.

FOR SALE: '69 Ford window van, E300, 6 cyl. stick, inspected $595; '73 Pinto station wagon, 4 cyl. stick $250. Ephrata, PA 717-738-4215.

'85 Chevy HD ¾ ton 4x4, 350 auto., PB, PS, AM-FM, dual tanks w/cap, 27,000 miles, like new, $10,900. 717-733-2873

'85 Ford F250 Super Cab, 351 auto., PB, PS w/ glasstite fiberglass utility body w/roof, excellent condition, 32,000 miles, $10,900. 717-733-2873

'85 Ford F250, ¾ ton pickup, 300 6 cylinder, HD 4 spd., PS, PB, 28,000 miles, $6,500. 717-733-2873

Alum. dump truck, 1967 Ford F800, air, PS, 2 spd., 34,000 GVW, Parker 14' alum. grain dump, low mileage, 1 owner, $8,900. or Best Offer. 201-782-4784 Evenings.

'86 Chevy C30, cab & chassis, 350 4 spd., PS, PB, AM-FM, dual tanks, 84" CA, excellent condition, $10,200. 717-733-2873

'86 Chevy HD ¾ ton 4x4, 350 auto., PB, PS, AM-FM, lock out hubs, dual tanks, 8,600 GVW, 7,000 miles, $11,900. 717-733-2873

'86 Dodge 350 Royal SE, 15 passenger maxi van, 360 auto., PB, PS, cruise, dual air & heat, 13,000 miles, excellent condition, $12,900. 717-733-2873

FOR SALE: '72 cabover single axle Int.; 27' Fruehauf van; Fruehauf flatbed. Reasonable. 717-267-3752.

New & rebuilt Chevrolet V8 motors. 717-762-7940.

TRUCK PARTS FOR SALE: Mack 237, Detroit 6V92T, V653, V671, 318, 671, 353, 371. Cummins 350 Big Cam. 270, 185, Super 250 plus others Gas engines Ford, Chev., Int., GMC, Dodge & 200 Reo. Many other truck parts. WANTED: Trucks & Parts. Call 215-944-9871. Day or Nite.

WANTED: BOAT TRAILER for 12' V-bottom boat. Lancaster County. Call 717-626-1164, 8 a.m to 5 p.m., ask for Kim.

WANTED: Good, used gooseneck trailer, tandem axle, dual flat bed, approx. 24'. 717-244-8761

WANTED: Livestock trailer, 16' bumper pull, very good condition. 717-724-5451 Evenings.

For Sale: Three large tow trucks, A-1 condition. Chester Co. 215-857-2495.

For Sale: Transfer Trailers, all sizes; Demolition Dumps; Low Boy detachable trailers, 40, 50 & 60 ton. Used trucks, dumps, grain dumps & rollbacks. Keith walking floors, sold & serviced. 814-623-9696 or 814-623-8696

1966 Int. Load Star 1700 grain bed dump truck, 14', 6 cylinder, 28,000 GVW, excellent shape, licensed, inspected and being used. We have two trucks and we cut down to one 215-445-6427.

1968 Int. 4x4, ¾ ton truck w/9' snow plow, and rear power takeoff, good mechanical condition, $2,495. 717-933-8008

1970 Marmon tractor, 350 Cummins, 13 speed, wet line, good shape, must sell, $5,400. Call 717-299-4592.

1971 Mack, 237, 10 wheeler, 5+2 trans., 52,000 GVW, 20' knaphide grain body with dump; 1967 International 1700, 345 gas, 4+2 trans., 21,000 GVW, 14' grain body. 717-677-9794.

1971 Mack DM600, long wheel base tandem w/22' flat bed & new 30 ton Omaha standard hoist, all Mack components, $14,500. 716-822-0544 Evenings.

1971 White Conventional twin screw, $4,500. or Best Offer. 717-442-8738

1973 Fruehauf flatbed trailer, 46' sliding tandem. Work ask for Mike 301-258-0595 or 301-791-0588.

1973 GMC ¾ ton pickup w/camper top, 50,000M, $1,200. 717-866-7305

1977 Int. 1700 Loadstar, 18' dump stake bed, diesel, 5 spd., split trans., 200,000 miles, $5,700. Call Bob. Monday thru Friday. 717-599-5656

'86 Ford F150 ½ ton, 300 6 cyl., 3 spd. overdrive, PS, PB, AM-FM, 20,000 miles, excellent condition, $7,600. 717-733-2873

1978 C600 Ford truck w/22' open top van body, new tarp. 703-234-8545

1979 Summitt dump trailer, 28' aluminum & 1979 Rockway tractor w/NH 230 engine, RTO 9513 trans., full screw, complete w/wet line, 32,000 actual miles. Must Sell. 215-258-9818 Between 8 & 10 p.m.

1984 Chevy Silverado 1 ton pickup, dual tanks, AM/FM stereo, AC, tilt $8,000 301-833-2311.

1985 350 Ford stake body truck, duty sleeper & tool box, 20' gooseneck Top of Iowa trailer, 70,000 miles, all new rubber, $12,000. 717-933-8828

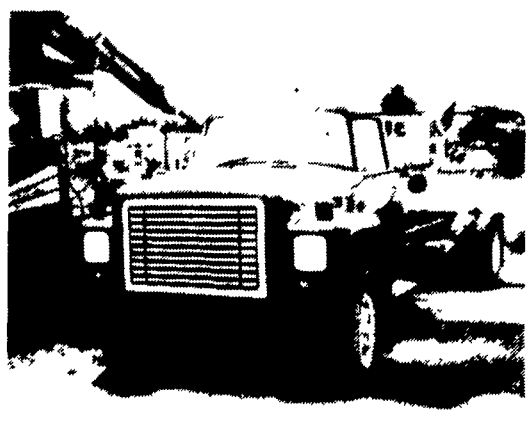
1985 Ford pickup, AM/FM stereo, AC, dual tanks w/20' 1986 gooseneck trailer w/winch. $8,500. 301-833-2311.

1985 Int. Eagle conv., 400 Cum., 13 speed, 3.90 RA, air ride, 11.24.5 tires, 248" WB, 60" slpr., 285,000 miles, Montauk blue brown interior, $48,000 firm. Lease possible if qualified. Serious inquiries only. 717-838-9775.

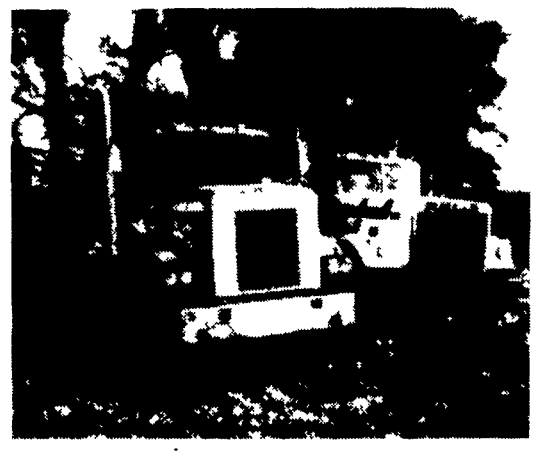
35' all steel hay body, 27' bed w/8' dolly, $1,000. Will Deliver. 703-234-8545

6x6 GMC military truck, hydraulic driven Stoltzfus spreader, front mounted winch, 10 new tires. Spreader and truck in excellent condition. Best Offer. Chester Co. 215-827-7244.

'70 International feed truck, 16' Walinga open top box, hardwood floor, good blower and box. Truck needs work, $3,900. 717-653-8572.



1978 IHC 1750 Loadstar DT 466 Diesel, 5x2, Single Axle
$7,500



1971 Kenworth Conv. with Sleeper, 318 Detroit, Jake, 13 Speed.
$5,500

1974 White Road Boss Non Sleeper, 318 Detroit, 13 Speed.
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'79 Int. 1854 S-series w/DT466, 5+2 spd., A/C, 10.00x20 tires, PS, 24' flat body w/cab rack, full cover hay tarp, extras, very good condition.
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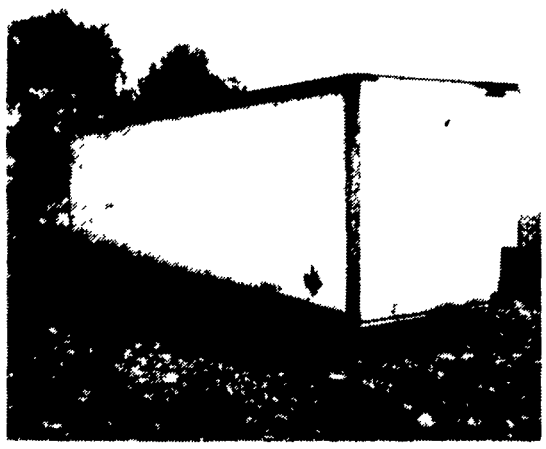

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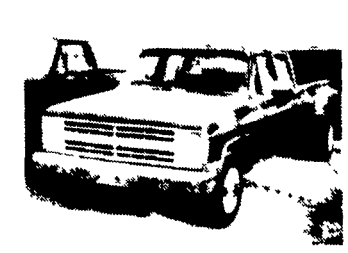

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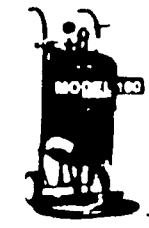

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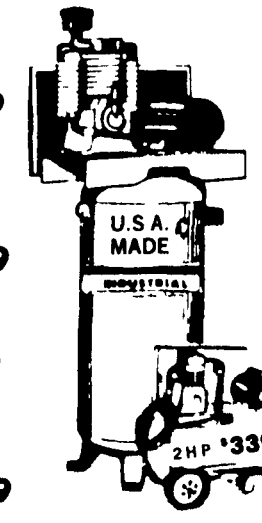

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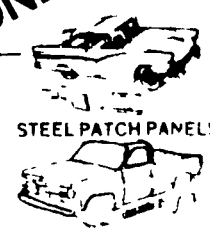

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1968 GMC, V6 engine, 4 + 2 trans., 20,000 GVW, 12' grain bed. Anderson Repair Shop, RD1, Felton, Pa. 717-244-2039

12513 Road Ranger transmission $900; 411 Rockwell 38000 lb. rears. Both for $1100. 717-687-6394 after 7PM.

1961 Diamond T gas, 16' dump, 4' sides, 2' extensions, air brakes, good condition. 814-623-2694.

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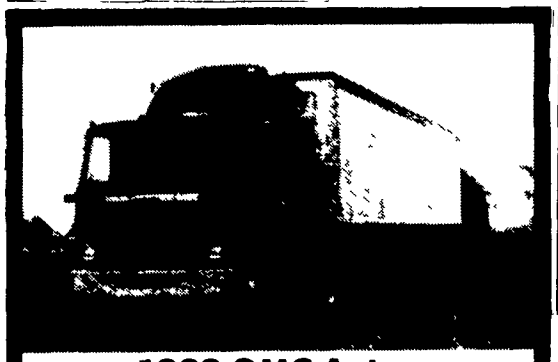

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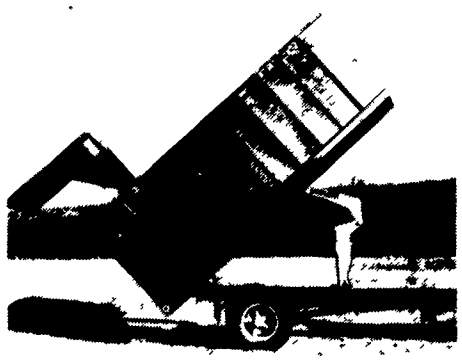

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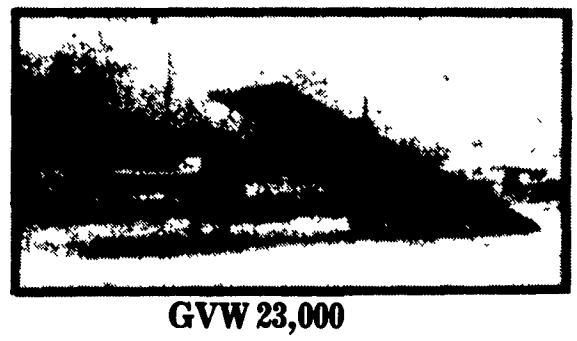

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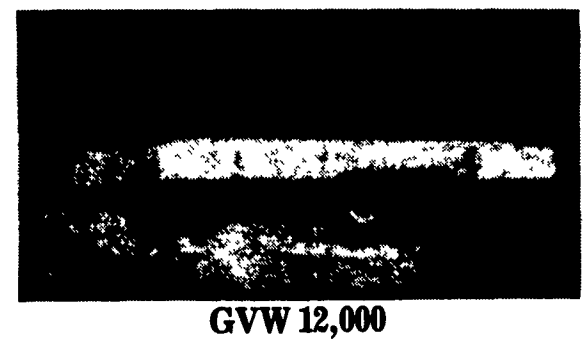

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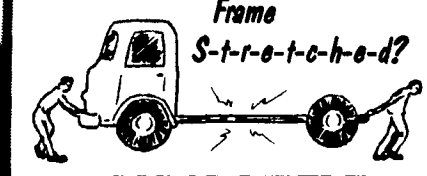

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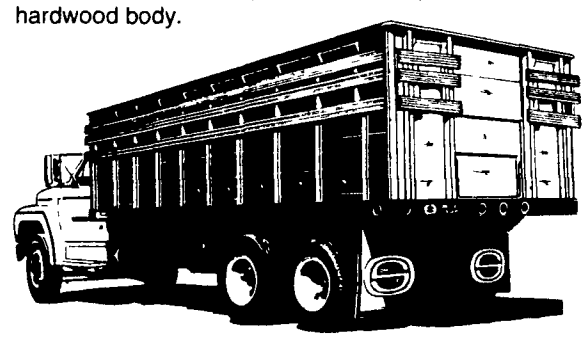

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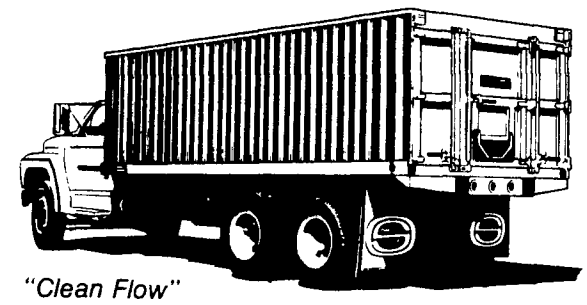
Select a job-matched, precision-engineered Omaha Standard hoist for your Omaha Standard body Available in fourteen models — scissor or the stabilized "Olympic" telescopic line Capacities from 5 to 52 tons



"Clean Flow"
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- All-aluminum construction. splice-free 60" or 72" high stakeless sides.. extruded outrail and tarp rail cap "I" beam cross sills
- "Clean Flow" design of the extra deep 30° sidewall corrugations allows complete emptying with no sharp corners for grain to hang up
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- Greater inside dimensions and light weight give you more hauling capacity and let you save fuel while doing it

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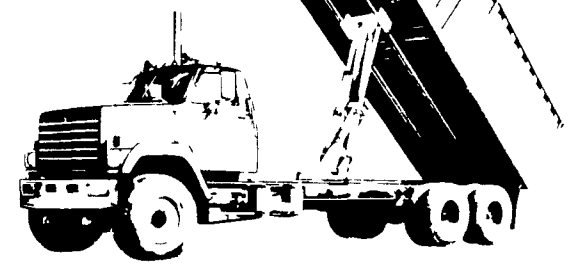

- 52" or 60" heavy gauge sides give you more hauling capacity for grain, sugar beets and other commodities
- 'Clean Flow design of the extra deep 30° sidewall corrugations allows complete emptying with no sharp corners for grain to hang up
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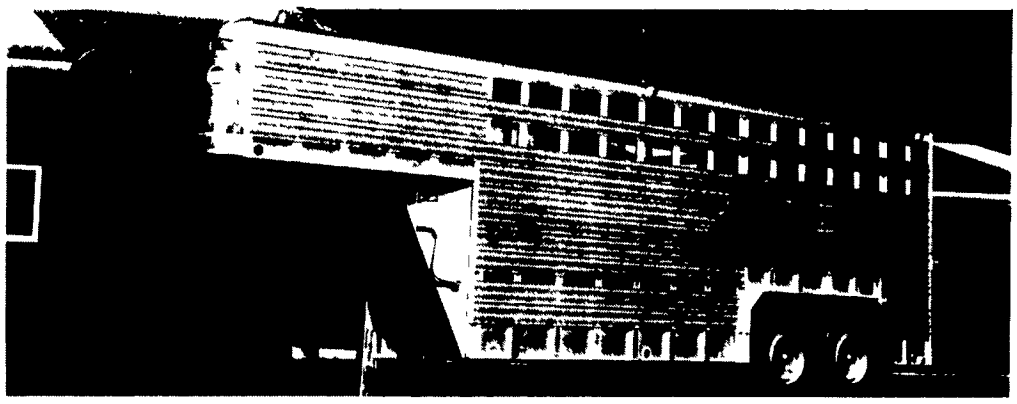
Omaha Standard

ALUMINUM GOOSENECK TRAILERS

EBY BLUE BALL, PA



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A versatile, lightweight, Eby aluminum stock trailer is built to provide years of maintenance free service. An Eby trailer is custom built to fit your individual hauling needs - No mass production! We use only quality components and strong alloy aluminum to manufacture what may be the last trailer you'll ever buy.

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M.H. EBY, INC.

Box 127, Blue Ball, PA 17506 717-354-4971

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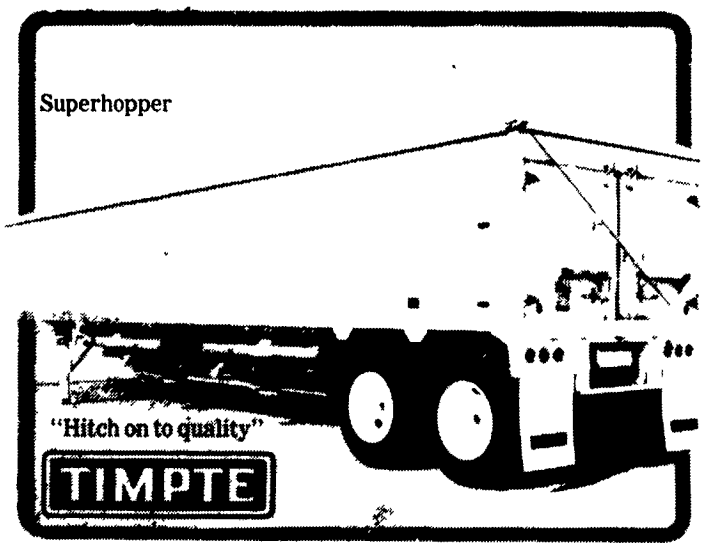
BUY A 1987 TIMPTE LIGHTWEIGHT GRAIN HOPPER NOW



Got Grain? Then get the trailer that is Timpte tough... the Super Hopper. It's not only built to take it...it's also built to cut fuel costs. The Super Hopper is lightweight and aero-dynamically designed to reduce wind drag. When there's grain to be hauled, Timpte does the haulin' best and pulls a lot easier than the rest.

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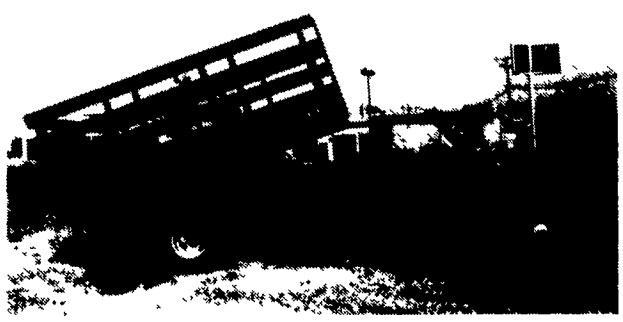

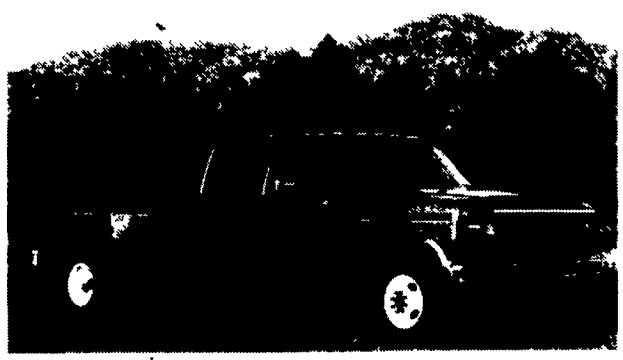

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36 REAL ESTATE

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If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Improved 5.6 acres woodland, electric, well. East of Rt. 94 800'. Berwick Township, Hanover, Pa. 717-637-9107 or 717-632-0367

JUNIATA COUNTY: Unique private valley setting for this 94 acre dairy farm. Stately old farmhouse with cool porches overlooking meadow and stream. 47 tie stalls, numerous outbuildings. Only $160,000.
DAUPHIN COUNTY: 40 acre horse farm. Rail fences, new 18 stall barn, no house. Make Offer.
SNYDER COUNTY: 112 acres, 85 tillable, log house, decent bank barn near large fishing lake. $85,500.
Call Pat Kauffman, Jack Gaughen Realtor 717-896-8958.

LAND WANTED. 8-15 acres for construction of church meeting facility, West of Lancaster, Pa. Southern half E. Hempfield Twp., NE portion Manor Twp. Contact: Ray Randolph, Lancaster Covenant Church at 717-872-7917. 8:30 a.m. to 5:00 p.m. Weekdays.

LYNDONVILLE LIVESTOCK AND CROP FARM: 450 acres, long growing season. Loam soil, stone free, within 500' of Lake Ontario. One silo and stock barns. Has had a history of apples and beef cattle. No apples on the farm now. 5BR nice residence. Price $230,000. Call Mark or Willard, Harris Wilcox Inc., Brokers, 716-494-1880

FOR SALE BY OWNER
167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.
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For Rent: 210 Acre Dairy Farm in Cumberland Co. Available Spring 1988. Write to Charles D. Hoffman, Attn: John, 228 N. Grantham Rd., RD3, Dillsburg, PA 17019.

For Rent- Modern dairy barn with pipeline, barn cleaner and 1,000 gal. milk tank, York Co., 717-252-3794.

For Rent: Modern dairy barn w/pipeline, barn cleaner, dry cow barn, trench silo, 3 BR home. Northumberland Co. 717-758-6632 or 758-2073.

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For Sale: 12x65 two bedroom Fleetwood mobile home with 16x20 addition. 717-537-6525

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Three bedroom ranch five miles southwest of Selinsgrove, PA, on Rt. 522. Beautiful view, plus fruit and nut trees on .98 of an acre. 717-374-1643.

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70 acre small dairy & silo.

LYCOMING CO.
240 acres, large dairy, 64 milking stalls & large free stall barn & silos.

UNION CO.
60 acres grain, hogs, cattle.
80 acres grain, hogs, beef.

Contact
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WANTED: Approximately 100 acres of level, uniform farm land for hybrid corn research. Long-term lease or possible lease/buy option. Lebanon or Lancaster Counties. Contact Erich Veitenheimer. DeKalb-Pfizer Genetics 717-838-1315.

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84 acres w/large barn, 36 stalls, storage shed, equipment shed & 2 Harvestores. Northern Berks Co. Only $179,900.
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150 acre general farm with 110 tillable Four bedroom frame house in good shape Small barn Level ground Dirt road frontage Some owner financing possible For more information or appointment to see call Pete Zeisloft at 717 437 2305

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Amish area of Mill Hall Steer and hog farm 80 acres mostly all tillable See it today Call Ken Young at 717 426 1098

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Dan Messner- 215-286-2971- Berks, Chester and Montgomery Counties
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36 REAL ESTATE

WANTED TO RENT: 30 cow modern tie stall barn with house within 30 miles of Lancaster with option to buy quality feed from owner. 717-367-8823

Wanted to Rent: Chester Co farmhouse with coup and small stable or shed for goats Sept is occupancy. 215-486-0658 eves.

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85 acres along Rt 997 at Center Church, gentle slope, stream $1,500 per acre

Lancaster County
6 8 acre farmette, road frontage on 2 roads, nice 5 bedroom home, 2 car garage, large barn w/box stalls, very good horse farm or general farming

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2 adjoining farms, totaling 316 acres, approx ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850 per acre

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Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

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Colonial Real Estate Agency
814-447-5511

PENNA FARMS
FRANKLIN CO.

137 Acre Dairy Farm, 60 free stalls, 12 stall milking area in bank barn, pipeline milkers, bulk tank, manure pit, heifer barn, 36x48 implement buildings, silos, farm pond (excellent well near pond) 3 BR Cape Cod dwelling, road frontage

105 Acre Beef Farm, 1 floor bank barn, 54x90 Morton bldg , 40x96 Agway bldg , 40x80 pole bldg 3 BR frame & alum dwelling (needs repairs)

CUMBERLAND CO.

150 Acre Modern Dairy double six Herringbone parlor, 1,000 gal tnak, free stalls, silos, implement storage and steel I-beams in shop, stream and pond 5 BR dwelling and 3BR dwelling and mobile home All for one price OR farm can be purchased separately Call for more details

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding Fertile sandstone soil 20 acres wooded w/timber large horse barn w/16 stalls and other outbuildings

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W High St , Carlisle, Pa
Ph (717) 243-6195

NOTICE OF SALE

FOR SALE BY THE U.S. GOVERNMENT: The Farmers Home Administration has the following farm property for sale 110 acre farm consisting of 67 acres tillable land, 36 acres woods, large dwelling needing some repairs, large general storage barn in fair condition, a Harvestore 2060 silo, 18x15 galvanized steel grain bin, 32x100 pole barn set up for feeder cattle production, and several outbuildings This farm is located at 2081 Yerkes Road Romulus, New York, and is eligible for inclusion on the National Register of Historic Places

Property may be inspected at an Open House to be held at the farm from 1 pm to 3 pm on Thursday July 9 1987 Information concerning this property and bid forms are available at the Farmers Home Administration office 12 North Park Street Seneca Falls New York telephone number 315 568 9439

Sealed bids will be accepted until 4 pm on Thursday July 16 1987 at which time bids will be opened

Bid Deposits All Bids must be accompanied by a deposit of not less than 10% of the bid in the form of cashier's check postal or bank money order or bank draft, payable to Farmers Home Administration Preference is given to cash offers Credit terms are available to qualified buyers as described in the information sheet available at the Farmers Home Administration office Successful purchasers will be required to implement the requirements of a conservation plan prepared by the Soil Conservation Service to protect highly erodible land and/or wetlands

The Government reserves the right to reject any and all bids The property will be sold without regard to race color religion sex age national origin or marital status

FARMS FOR SALE
MARYLAND'S EASTERN SHORE

Private 41 acres, modern 3 BR brick rancher, including air cond., established orchard for family use, the woodland, pond & tillable acres provide the total atmosphere of a beautiful country farm. Asking $212,000.

Set up & ready for occupancy, 12x6 capacity veal operation, 3 BR rancher & large shop, income potential. $145,000.

Farm located in Northern Kent Co., 283 total acres with 214 tillable, excellent soil types & large pond, water fowl hunting at its best, $550,000.

KENT CREEK REAL ESTATE
Galena, MD
301-648-5656

Five Acre Farmette near Elizabethtown. Ever running stream, large barn, 4 bedroom house, 2 baths, fruit trees. Quiet country setting, $95,000. Must sell - Relocating.
717-367-0583

FARMETTE
50 acres - 2 story barn - 3 story building, used for work shop & storage. Beautiful 4 bedroom farm house. All buildings well maintained and is a very attractive property. More details on request. Price **$87,500**

FARM OR FARMETTE
From 20 acres to 160 acres your choice. Set up for dairy at present time, or would make ideal sheep or beef farm. Large dairy barn - silo, bunker silo, corn crib, nice large machine shed with shop. Modern farm house. Call for price information.

RANCHER
11 acres with new rancher with a view in all directions for miles. Very modern & elegant. 4 bedrooms & 2 baths. Price **$97,000.**

Endless Mountain Real Estate
RD 1 - Box 203-A
Covington, Penna. 16917
717-659-5684

FREE - 10 Day Hawaii Trip For Two With Purchase.

Montour County R.D. 1 Danville, PA
This elegant farm house was totally remodeled and rewired. Four bedrooms, two full baths with 2500 sq. ft. of living space makes this total electric home so desirable. Attached is a 1 car garage. 150 A. of gently sloping farmland has great potential: 72 tillable, 70 woodland and good hunting, balance in well-groomed lawns. 31'6"x37' block building includes 2 car garage, workshop, cold cellar and tractor shed 20'6"x51' machinery shed has metal siding and roofing. The 40'x64' bank barn is in excellent condition and has self feeders and waterers. White picket and board fences provide the perfect setting for one of Danville's most prestigious farms, 4½ miles NW of town on PA Route 642. Serious, qualified persons may call for more details. $280,000

MARIE A. JAMES, Owner
(717) 275-3779

Potter County
Oswayo Valley Camp sleeps 8-10, stream frontage **$19,900**
Cabin Shell - 54 acres stream frontage **$22,000**
Camp Lot 10 acres - borders paper company **$6,500.**
100 Acres - Shinglehouse area - borders paper company **$35,000.**
Shinglehouse Oswayo Area Homes prices from **$18,000 - $55,000.**

McKean County
Ceres Township Home 3 bdr - garage **$37,000.**
43 Acres - conventional septic - isolation **$17,200**

Contact:
Robert L. Watterson,
Associate Broker
R.D. #1 Box 1064
Shinglehouse, PA 16748
Phone: 814-698-2300

HOME OR CAMP WITH INCOME. 8 yr old bi level 3 bdrm apt in basement level 3 bdrms, lr, eat in kitchen, Bath & large Deck on second level 1 75 Ac close to Grand Canyon & Pine Creek Owner financing available $42,000 W-1197

COUNTRY ESTATE, 189 Acres of gently rolling land Remodeled home, good barn ideal for beef or horses Hay barn, machine shed & 2 ponds Water supply from spring or well Prime location w/good access to Wellsboro or Mansfield $135,000 W 1195

Century 21
THE REAL ESTATERS OF WELLSBORO
"Serving Tioga & Potter Counties"
East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list

CENTRAL PA. HOME OR CABIN SITES
34½ ACRES, GRAZE SHEEP & HORSES

Quiet secluded So. exposure, nice view, both wooded & cleared, bubbly brook & easy access to I-80. $28,500.

The following have southern exposure. 5 to 9 acre cleared tracts, starting from $12,900. on a knoll overlooking the Susquehanna River, good deer hunting, 2 minutes to Rts. 11 & 15.

PINE CREEK VALLEY
Excellent deer hunting, cabin sleeps 11. Call for details. $32,900.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

CUMBERLAND COUNTY FARMS

100 Acre Farm - Hopewell Twp. 3 miles north of Shippensburg University Stadium. High quality Berks Soil. 2½ Story Brick Ho[SOLD] Presently being restored, 3 [SOLD]ces plus 2 Story Summer Kitc[SOLD]. 40 Comfort Stalls in Barn, modern large Milk House, Barn Cleaner, Enclosed Loafing Area and Wagon Shed. $159,000

146 Acre Farm - South Middleton Twp, just 2 miles south of Carlisle, Pa Excellent Hagerstown Limestone Soil. 2½ Story Colonial Stone Farm House, restored and in fine shape. Also 1½ story House used as Rental unit. 1700 ft. on Macadam road - Ripe for development. Barn has 40 comfort stalls plus additional holding pens, Silo, Hog Pen, Wagon Shed. Very private setting. Some owner financing available. $450,000

Jack Gaughen Realtor
Contact:
Harvey Sunday
Business
717-243-8080
Home
717-766-9277

10 ACRES, stream, ½ woods, owner terms on $9,500 (W1021)

2 ACRES all woods next to State Game Lands & State Park $6,500 (W1020)

RANCH home near Grand Canyon & State Land, bsmnt, oil/wood heat $27,500 low taxes Camp/hide-a-way/or full time living (W1012)

RANCH W/VIEWS for miles, 3 BR, dble garage, full bsmt for shop, utility shed for outside equip A lovely retirement or hide-a way $56,000 (W1003)

290 ACRES horse/beef farm, barn & new sheds stream, sugar bush, remodeled farmhouse w/country kitchen, 3 BR 2½ baths lovely at $188,500 (W991)

FARMETTE 6 acres surrounds this barn & 5 BR farmhouse near town yet country $59,500 (W899)

5 RENTAL UNITS on 20 acres-room to expand $98,500 (W203)

FREE LISTS
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

10 ACRES 2 wells septic, stream & barn silo $15,000 (M1773)

61 ACRES on mountain top, view for miles, private, good access $26,000 (M1733)

RANCHER in college town, 3 BR, fenced yard Low taxes only $30,000 (M1728)

7 ACRE building site at edge of town, distant views, nice neighborhood, country yet convenient $8,000, OR, 10 Acres w/truly outstanding views for $11,000 (M1702, 1685)

CABIN on 10 acres, brand new, views & pond $27,900 (M142)

FARMETTE 20 acres + 4 BR home, stream, in ground pool, edge of town setting $74,500 (M163)

FREE LISTS
ERA-Homestead Realty
267 S. Main St
Mansfield, PA 16933
717/662-3287

OWNER ANXIOUS Car lot on busy Rt 15 2 bay garage office w/kitchen & bath facilities Make offer $40,000 (D516)

FARMETTE almost 7 acres, small stream, 4 BR home Good roof & siding Great place for family Tioga Co $33 500 (D535)

RAISE A FAMILY 3 4 BR home, large lot, 2 story barn quiet village location $26 900 (D540)

RESTAURANT excellent location paved parking area situated on main highway Good family operation $135 000 (D502)

WOODED LOT, 15 acres corner lot open/wooded spring Super hunting area $6,000 (D508)

FREE LISTS
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

DELAWARE FARMS

189 acres, 70 tillable, nice home & barn. $189,000.

138 acres, 125 tillable, no improvements, development land next to Camden.

77.5 acres, 50 tillable, no improvements. $95,000.

57.5 acres, 45 tillable, older house, development land next to Dover.

53.5 acres, 34.5 tillable, woods & pond area, no improvements, $100,000.

53.3 acres, Amish farm, 21.5 acres tillable, pasture & woods, large house, cow barn & sheds, $99,500.

Dan Enterline Real Estate
Dover, Delaware
302-674-5544

Snyder County

100 Acres very private, 5 bedroom home, barn, machine shop, wagon shed, $110,000.

90 Acre Farm, Excellent barn, 63 acres tillable, ranch home and other outbuildings, $130,000.

37 Acres, 4 bedroom home, barn, corn crib, outbuildings, $88,500.

75 acres, 5 bedroom home, barn milkhouse. $75,000.

Dairy Farm, 160 acres, large barn, milking stable, pipeline/bulk tank, 7 room farmhouse, $250,000.

112 acres, 3 bedroom home, 34x84 barn, workshop, many outbuildings. $99,500.

26 acres, house, barn and outbuildings. $55,900.

153 acre dairy farm. 4 Bedroom log home. Exceptional property. $125,000.

Amish farm, 40 acres tillable, house, barn, tobacco barn, silo. All five years old. Private. $88,900.

Stone House, barn on 53 acres. 46 acres tillable. Amish community, $75,000.

Integrity Real Estate
717-837-1061
717-966-3851

FOR SALE
DAIRY FARM WITH DAIRY EQUIPMENT

193 Acres, 70 free stalls, 8 unit milking parlor, bunk silo, manure holding pit, 2 homes. Ideal dairy farm located 8 miles west of Felton, DE on Rt. 12. Only 2 miles from Whiteleysburg.

HARRY RUDNICK & SONS, INC.
Realtors of Galena, MD
Phone **301-648-5601**

125 ROLLING ACRES
with good creek frontage and lots of road frontage. This general farm can easily be converted to Dairy and divided into 2 farms. The farm is within 2 miles of the Willow Hill exit of the Pennsylvania Turnpike. Call 464-4700.

MINUTES FROM UNIONVILLE
Opportunity is yours with these 81 acres. Start making plans now to develop this land. Unique, beautiful view and easy access to Route 1. Five present homes. 1 acre zoning. Call 786-2131 ask for Linda

CROP AND BEEF FARM
Don't miss this rare opportunity to invest in a fertile Lancaster Co. farm for only $2975 per acre located just 8 miles south of "The Buck" along Rt. 222 This farm includes 11 room 2½ bath farmhouse, modern kitchen, new landscaping, 1 story 70x144 barn; 20x80 heifer barn; 24x80 implement shed; 2 story 60x75 bank barn, 4 stave silos and over 3000 of road frontage and frontage on Conowingo Creek. Approx. 160 acres tillable. 20 acres meadow bottom and 20 acres wooded. Also, possibly approximately 138 acres available including all of the above buildings for $2975 per acre. Possible owner financing available. Call 786-2131.

Century 21 AMERICAN HERITAGE
717-786-2131
717-464-4700
717-393-9700

REALTY CENTER

FARMS

BEDFORD COUNTY 117 acres, 75 tillable acres of loam bottomland & stream! Owner will exchange and/or carry back a mortgage! Great opportunity!

BLAIR COUNTY-MORRISONS COVE 67 acres, dairy or livestock. Limestone soil! Trout stream! Large round rafter barn, huge brick house! $110,000 or best offer!

LAND

BEDFORD COUNTY 15 wooded acres, hard road frontage. $13,900

HUNTINGDON COUNTY 50 wooded acres, deer and turkey plentiful! Cash or terms!

BLAIR COUNTY 10 wooded acres! $11,000

BEDFORD COUNTY 2 84 acres! $13,900

RESIDENTIAL-VACATION

GLENDALE LAKE - Cambria County Mobile Home (furnished) & barn, 1+ acre! Great condition! $19,900

CAMBRIA COUNTY - Lonely Acres Double Wide Mobile Home & 2 car garage on 1+ acre $24,900

BLAIR COUNTY - Morrisons Cove brick home on 2.5 acres! $32,900

INVESTMENT & BUSINESS

8 RESIDENTIAL Apartments, great cash flow! Blair County Only $55,000

TAVERN & 5 APARTMENTS, Blair County License, equipment & real estate! $65,000 or best offer!

TAVERN & 3 APARTMENTS, Clearfield County. Accepting bids thru July!

REALTY CENTER
Daniel K. Knode, Realtor
(814) 695-8696

Southern Bedford County, PA

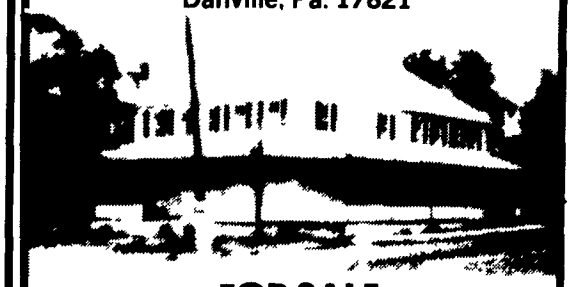
Near Breezewood, PA - 64 acre picture postcard farm with 2 story remodeled farmhouse, bank barn, 26x65' 3 bay garage with workshop plus other outbuildings. Good fencing, small stream and pond. A well maintained farm for only $116,900.

Near Everett, PA - 78 acres with good 2 story secluded farmhouse overlooking pond. Large bank barn and other outbuildings. Nice laying, tillable fields and some marketable timber. Quiet and peaceful. $112,900.

Near Bedford, PA - 53 open and wooded acres with older 2 story frame house. Hard road frontage. Only $42,500.

Paul Plovish Real Estate
66 West 5th Ave.
Everett, PA
Phone: 814-652-5226

Walter B. Laubach, Sr.
Real Estate
R.D. #3 Box 381A
Danville, Pa. 17821



FOR SALE

Mom and Pop operation, well established Tavern and restaurant. Seats approximately 60, with 8 rooms and bath apartment on second floor

Situated on the square in the Village of Jerseytown, Madison Twp., Columbia County. Approximately 2000 sq. ft. on each floor Sale includes all tavern and restaurant contents plus, license. Inventory of bar and kitchen supplies negotiable. Shows a very good book Serious inquiries only. $175,000

Phone: 717-275-2491 Days
717-437-2227 evenings

NEW LISTINGS
Morrisons Cove - Total of 634 Ac.

1 Beautiful 400 Ac limestone dairy farm - 375 T A., double 6 parlor (Bou-Matic) w/100 free stalls in modern operation Large farm pond w/stream - 6 month manure lagoon - 4 concrete & 1 Blue silos - house is a 6BR frame dwelling w/mod. kit & bath. Also, large insulated metal workshop. Note Take possession A.S.A.P

2. Also, nearby is 124 Ac. dairy w/96 T.A., 1 Blue & 1 concrete silos, 60 freestalls, 16 stall milking room w/8 auto takeoffs, 2 story brick 4 BR house in good cond

3 110 Ac dairy, 85 T A. - 45 comfort stalls, pipeline & bulk tank - manure lagoon, trench silo, insulated workshop & mobile home, 4 BR frame house w/beautiful kit & beautiful mountain stream, immediate possession

LEBANON COUNTY

1. 222 Ac Dairy w/132 free stalls & double 8 parlor, 1500 gal. tank plus large 4 bay bank barn for storage & young cattle, huge metal equipment shed. 7 BR stone & frame farmhouse w/mod kit. & bath & 2-car garage attached. Frame tenant house included

2. 137 Ac general farm North of Myerstown, nice level land w/huge farmhouse but no barn

LEWISBURG AREA

1 98 Ac produce farm w/pick-your-own crops already planted Take over payment of 5¼%.

PLEASE CALL FOR MORE INFO & BROCHURE

MAHLON OBERHOLTZER
Real Estate Agency
Smoketown
717-392-1177

924 ACRES - Mt land within 12 miles of Penn State Excellent hunting (Bear, deer, turkey) with trout fishing nearby at Bald Eagle Creek and smaller feeder streams with natives Entire tract for sale at $305,000 ($330 00 per acre) or tracts as small as 143 acres Call Miles Clevenstine, 814-383-2755

160 ACRES - With extensive frontage on two streams and located just 15 miles from Penn State 90 of the rolling acres are tillable, 35 are pasture, and the balance is wooded and low Good hunting and fishing on the site and nearby Asking $95,000 Call Miles Clevenstine, 814-383 2755

REAL ESTATE **CENTRE**
2212 N. Atherton St.
State College, PA
814-234-1150

C91-F WHAT A BUY! 377 acres, 250 tillable. Good 8 room home. Good barns for 55 cows plus y.s., several outbuildings. Only $120,000. C/E for $45,000.

#590 BUILD TO SUIT YOUR NEEDS! 302 acres, large productive fields. Several Silos, main barn burned 2 homes plus 2 mobiles. Best location All for $295,000.

#592: A REAL GOOD FARM: 270 acres, 150 tillable. Good 9 room Colonial home. 62 cow barn, 2 silos. Nice location, complete with all cattle and equipment for $275,000

#568 VERY GOOD, ATTRACTIVE STONE HOUSE. Good 72 cow barn, 2 silos, large equipment shed. 249 acres, 170 tillable. Great looking dairy area. Asking $195,000 or with full line of modern equipment for $230,000. Retiring owner.

#592 750+ ACRES with 6 miles of road frontage. Borders river, ¾ open. Views to the south. No buildings. What an investment at $425,000.

COUNTRY BOY REALTY
140 East Main St.
Cobleskill, NY 12043
518-234-4371

FOR SALE
325-ACRE DAIRY OPERATION

Ready for Immediate Occupancy

Bradford & Tioga Counties
Located Near Troy, PA

30,000 Sq. Ft. Computerized, Modern Dairy Barn

- **200-cow capacity free stall barn area Additional cow barn for herd expansion**
- **Five blend "Havestore" automatic feeding system; (3) concrete silos**
- **(1) "Havestore" silo**
- **Underground manure evacuation system to remote storage facility**
- **Electric Scales**
- **Computerized milking & breeding system**
- **Milk holding room with direct pipeline to processing plant. 4,000 gal. bulk tank**
- **1985 Bo-Matic double 6 Herringbone milker parlor equipped with box-matic milkers and computer systems/air operated gates and auto-matic milkers and computer systems milkers take off system**
- **300 acres tillable**
- **Silos remaining partially filled**
- **Ready for immediate cattle feeding**

ADDITIONAL FARM BUILDINGS

- **Four Level Frame Barn: provides additional 200 head capacity; recently renovated, heated interior, 'Abway' calf barn, steel hoop haybarn**
- **MACHINERY SHED/MAINTENANCE BUILDING:** concrete floor truck servicing pit 2 000 gallon gas tank with pump
- **FOUR-BEDROOM RANCH RESIDENCE:** 27 living room with Cathedral ceiling dining room modern kitchen 2 baths rear sun deck gas forced air heat gas fired domestic water heater adjoining bunk room addition
- **MANAGER'S RESIDENCE:** 2 story Colonial design living room dining room modern kitchen 4 bedrooms bath office area full basement gas forced air heat gas fired domestic water heater
- **TENANT HOUSE.** living room dining room kitchen laundry 3 bedrooms bath full basement gas forced air heat gas fired domestic water heater
- **THREE MOBILE HOMES:** two are used as employees residences one utilized for storage

Owner Financing Available

$325,000.00

For Further Information Call:
215-273-3761

WORKING DAIRY FARM
HAGERSTOWN, MD

233 acres, 2 stone houses, newer barn, dairy house, milking parlor, loafing shed, 2 silos, 1 yr. old corn crib, 1600' of road frontage, 5,000' of creek frontage, 140 acres tillable. Exceptional opportunity for dairy operation. $425,000.

Coldwell Banker
Hopkins Real Estate
301-797-6666

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Department currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the June 27 or July 25 issue for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
Ralph F Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

Mifflin County

186 acres all wooded, borders 8,000 acres State Game Lands, 2 streams, good access, electric. $79,000. Call Bob.

Potter County

193 acres, large 50 free stall dairy farm, home, level 70 tillable acres, 30 pasture. $79,000. Reduced For Quick Sale. Call Bob.

So. Northumberland Co. & Surrounding Counties-

173 acres, 55,000 Christmas trees 1 to 5 yrs. old, 80 acres still open to plant, $2,000 per acre. No house. No down. Call Peter.

82 acre farm near Milton, 3 bedroom ranch, zoned rural residential. 1 acre lots required. Beautiful view. Perfect for development. 76 tillable. Call George.

No Down. 33 acres, 10 tillable, balance wooded against mountain $1,500/acre. Call Peter.

50 wooded acres, excellent deer hunting, $500 per acre. Call Bob.

300 steer feed lot, 8 acres all fenced for steers, sheep or hogs. 3 Harvestores, buildings in good repair. $77,000. Call Bob.

◆ PETER B. **CORTELYOU** ◆

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc , 717-648-6217
George Wolfgang, Sales Assoc , 717-648-3201

FOR SALE
95 ACRE
FRANKLIN COUNTY FARM

In Shippensburg area with 11,000 bushel grain bin with drying unit. Good limestone soil with 74 acres planted in corn and balance planted in hay. 10 room, 2 story brick home with bank barn. Good well system. Would finance.

717-530-1182

NY Dairy of Distinction Award Winner & A Great Family Farm!

- ☑ **Showplace Quality in every way** with a 19,000 lb herd waiting to break new records for you!
- ☑ **360 Acres**, 200 tillable with excellent soils in the heart of our valley's finest dairying region
- ☑ **Excellent Modern Barn** with 60 large ties, 2" pipeline & 1,000 gal tank, 5 silos, large heifer barn & machinery storage
- ☑ **Superb 4 bedroom Colonial Home** with fire place & totally remodeled in exquisite taste
- ☑ **Beautiful stream, ponds**, great location with excellent milk marketing
- ☑ **Over 100 head** Eastern bred Holsteins & top lineup of **excellent machinery.**
- ☑ Possibly the finest stocked & equipped farm available at $370,000 - Don't wait on this one!

*** Over 200 Farms Available**
*** Free Catalog**

Farm and Rural Property Specialists
Homestead Realty
(518) 922-8899
(518) 922-6301

Auriesville Rd • RD 1 • Fultonville, N Y 12072

TIOGA COUNTY

20 wooded acres with trout stream flowing thru property, walk to State Forest Lands. $22,500 #924

69 acres, Oregon Hill, borders State Game Lands. Call for details.

3 bdrm mobile home on 16.5 acres, LR, DR, kit, 1½ baths, garage, shed, 41x42 barn. Ideal spot for hobby farmer $36,900 #897

2 sty home in exc hunting area near State Lands with nice seclusion and views, 6 bdrms, LR, kit, pantry, Good condition $54,000 #921

Operating Dairy Farm, 80 acres, 2 sty, 6 bdrms home, stocked pond, 111 tie stalls, pipeline, 3 silos, heifer facilities, outbldgs, Asking $145,000 #914

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

AUCTION
REAL ESTATE

PENN VALLEY RESORT, INC. at Genesee, Pennsylvania.

Modern, Equipped, 200 Seat Restaurant and Cocktail Lounge 54 Acres ± in Beautiful Northern Pennsylvania Mountain Setting Trout Stream Across Road - Native Brook Trout Stream on Premises Stocked 1½ Acre Lake - 2 Bedroom Cottage.

All directed to be sold at Auction by Commonwealth Bank & Trust Co., N.A. on Sunday, JULY 12, 1987 at 2:00 P.M. Sharp on Site Pa. Rte. 244 West 1.3 Miles from Genesee, Pa.
Inspection Date: Sunday, JUNE 28, 1987 - 11:00 A.M. to 3:00 P.M. Sellers reserve right to reject any and all bids. 10% Down at Time of Sale - Balance upon Delivery of Deed within 60 Days or Less.
For Further Information, Call or Write:
Stevens Real Estate
P.O. Box 94
Gaines, Pa. 16921
(814) 435-6558 (Ask for Thad)
Bob, Chuck and Rich Roan, Inc.
Licensed and Bonded Auctioneers
(Lic. #A.U. 000775L
#A.U. 000777L
R.D. 3 - Box 118
Cogan Station, Pa. 17728
(717) 494-0170
or
(717) 998-8281 (after 5:00 P.M.) (ask for Chuck)

---

157 acres w/140 tillable near Chambersburg
195 acres w/100 tillable in Perry Co.
Priced to sell!
Van Cleve Real Estate
915 Mondale Rd , Lancaster PA 17601
Phone 717-392-3032

DELAWARE FARMS

189 acres, 70 tillable, nice home & barn. $189,000.

153 acres, 138 tillable, beautiful Colonial home.

77.5 acres, 50 tillable, no improvements. $95,000.

Dan Enterline Real Estate
Dover, Delaware
302-674-5544

LAND AVAILABLE...

200 acres, top of the line soils, LEBANON COUNTY, this is a rare opportunity to obtain good farmground at an excellent price per acre.

Land available from 1 acre lots to 12 acre parcels. All suitable for building your home, cabin or farmette.

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

HERITAGE REALTY GROUP INC
1525 Science St. State College
814-231-0101

Contact:
DON C. MYERS
(814) 422-8111

Central Pennsylvania's Full Service Rural Property Specialist
Farms - Farmettes - Land - Cabins
*** Detailed Brochures * Ag Progress Days Exposure**
*** Comprehensive Advertising * Appraisals**
*** Counseling * Financing Assistance**
Call or write for free lists or see our bi-weekly Lancaster Farming ad in the June 27th issue.
We would be pleased to put our 15 years of farm and rural property experience to work for you.
Call or Write:
Heritage Realty Group, Inc.
1525 Science Street, State College, PA 16801

PAUL M. Longacre FARM AND COUNTRY PLACES

LEHIGH COUNTY

• 100 Acre dairy farm 80 tillable features 90 cow free stall barn w/freshening area and bulk feeder 36 stall milking barn w/pipeline milker bulk tank barn cleaner Lovely 2½ story home large kitchen DR LR laundry 5 BR 2 baths full attic & basement (2) 20x60 Harvestore silos 20x80 concrete w unloader Stream & pasture level land $385 000

SCHUYLKILL COUNTY

• 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road Pine Grove area good hunting area call for details $175 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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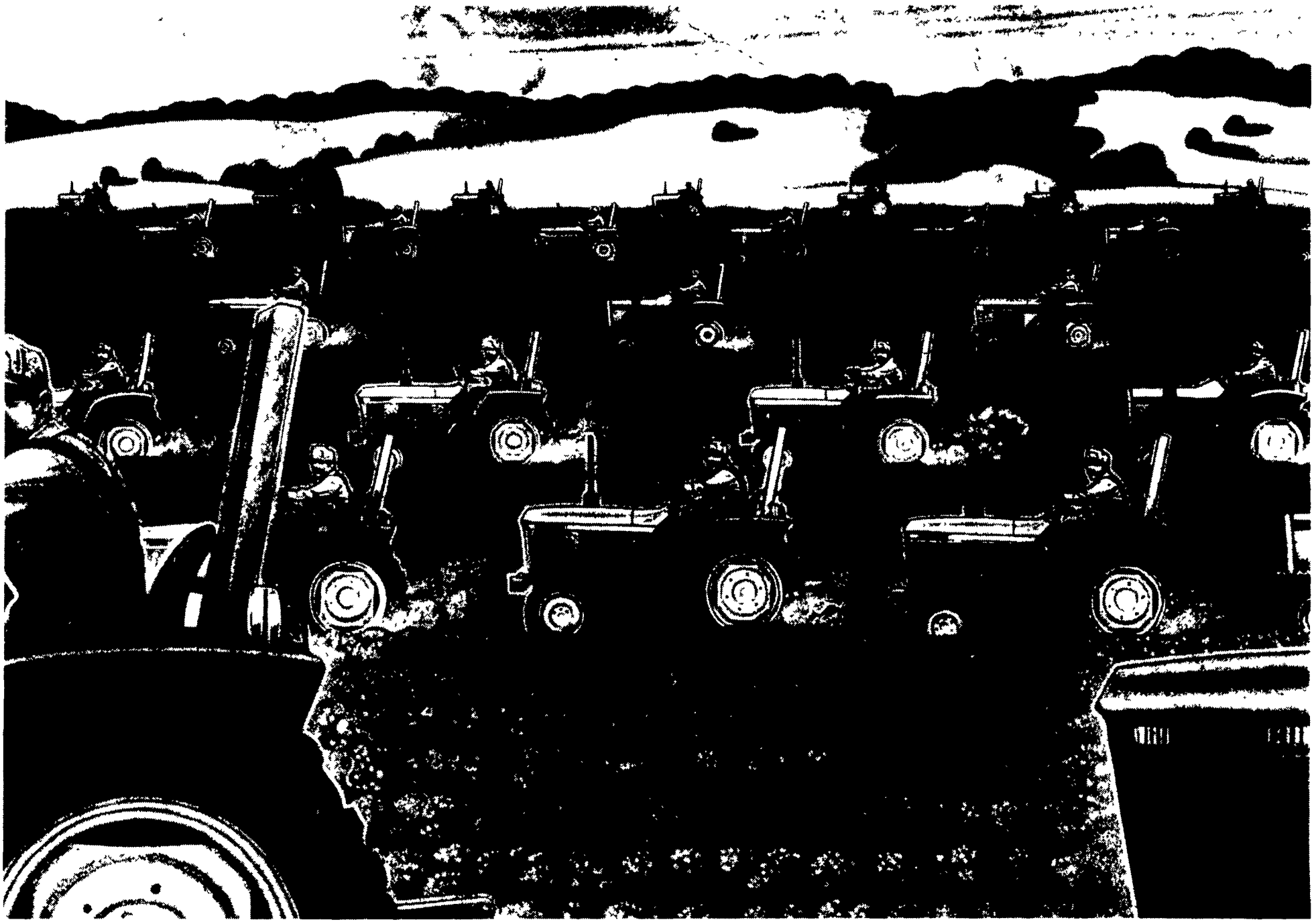

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Corn Can Yield Vast Array Of Products, Say Experts

ST. LOUIS, Mo. – "Almost anything that can be made from a barrel of petroleum can be made from a bushel of corn," said Dr. Charles D. Scott, Senior Corporate Fellow of the Oak Ridge National Laboratory, Oak Ridge, TN, at the first National Corn Utilization Conference, held recently in St. Louis.

According to Scott, corn could become the replacement feedstock in the manufacturing of more than 200 billion pounds of chemicals, valued at $100 billion.

Co-sponsored by the National Corn Growers Association and Funk Seeds International, the conference brought together an unprecedented mix of 240 farmers, researchers and agribusinessmen from 23 states and three foreign countries. More than thirty technical papers examined the status and potential of technology and markets for corn and its derivatives; Ethanol, Chemical Feedstocks, and Materials and Biodegradables.

"Corn is the only biomass feedstock worth considering in the chemical industry," said Dr. Robert M. Busche, president of Bio En-Gene-Er Associates, Inc., Wilmington, DE. As one of the 10 speakers in the chemical session he reported, "The wet corn millers are already corn refiners, although they don't think of themselves as part of the chemical industry."

"The corn wet miller is the farmer's best ally in expanding his entree into the chemical market. Most of their products still end up as food and fodder. The market for organic acids — citric, lactic and acetic — and for solvents such as acetone and butanol also shows some penetration and promise for expansion in the next five years," Scott said. "I foresee a day when the corn refiner can offer a full slate of food, feed, fuel and industrial chemical products using every fraction of corn and its residues."

Dr. Edward Lipinsky, research leader at Battelle Laboratory of Columbus, OH, focused his remarks on two promising co-products: lactic acid polymers and starch polycarboxylates.

"Lactic acid is found in the steep water or waste water from corn fermentation. It is an already proven, lower-cost simulator of commodity plastics such as polystyrenes and vinyls. It can be used to fabricate resorable sutures, fast food packaging, blow molded bottles, and biodegradable adhesives," said Lipinsky. With the addition of other monomers, lactic acid takes on many properties, making it one of the most versatile plastics.

"Starch polycarboxylates are a very interesting low cost substitute for phosphates in detergents. Where phosphates have been banned because of their contamination of ground water, U.S. firms are substituting expensive sodium citrate, but could use this product of the direct oxidation of starch which is patented and used in Europe," he said. "There's a kind of nice symmetry to keeping phosphates out of our drinking water, leaving them in the ground until farmers need them to produce corn, then covering corn to a phosphate-substitute," Lipinsky said.

Dr. Jim L. Gaddy, professor of chemical engineering at the University of Arkansas, explored corn stover as a source of chemicals. Currently left in the field as waste, this lignocellulosic residue can be fermented into a wide range of fuels and chemicals.

Busche noted, however, that to date ethanol is the only corn derived oxychemical commercial competing with petroleum.

Competing with petroleum is the key to corn's success as a chemical feedstock, Scott and Busche concurred, echoing the consensus of presenters. Petroleum shortages in World War II established viable fermentation technology to produce chemicals from biomasses, but cheap and abundant petroleum since then has led the U.S. chemical industry to rely exclusively on this imported, non-renewable fossil fuel.

"It will take a major cost advantage to persuade the U.S. chemical industry to shift its reliance away from technology," Scott said. "That may happen with the next Mideast crisis or oil price shock," Busche added.

Calf For Sampling

SHAWANO, Wisc. – A Holstein bull calf, acquired from Plushanski Farms, Kutztown, Pa., is now available for sampling from 21st Century Genetics.

The newest offering from the full-service organization is 21H1254 Plushanski Danzig-ETS, a son of Whittier-Farms Ned Boy.

Combined with his maternal grandsire, S-W-D Valiant, Danzig has a Pedigree Index of +$111, +39F, +29P, +814M and a Genetic Index of +$208, +77F, +48P, +1459M.

Danzig's dam is Plushanski Valiant Fran-EX-90. Her top record was as a three-year-old when she had 33,180 pounds of milk, 1,382 pounds of butterfat and a 4.2 percent fat test in 305 days. Her current Cow Index is +$262, +98F, +56P, +1830M.

Danzig is now housed at the 21st Century Genetics Sampling Sire Facility near Stewartville, Mn. The Stewartville facility has capacity for the 100 to 110 high genetic potential Holsteins sampled each year.

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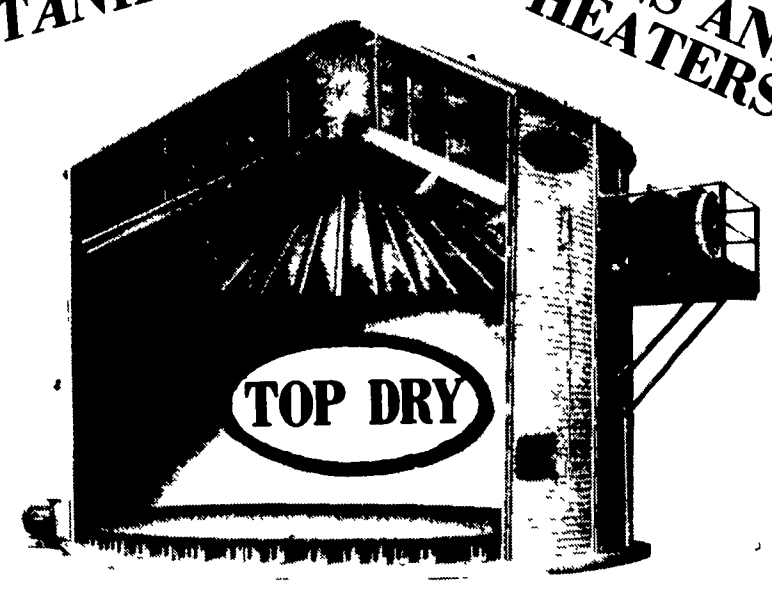

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Chester/Delaware Farmers Meet

BY MARJORIE KEEN
Chester Co. Correspondent

Lynn Moore, 14, of Cochranville won the $15 first prize in the Chester/Delaware County Farmers Association Safety Poster contest. Her entry will be judged with others from across Pennsylvania by the Agriculture Safety Council in Camp Hill July 5. Each of the 12 statewide winners will receive a $100 Savings Bond.

The Pennsylvania Farmers Association will incorporate the 12 winning posters into a calendar for its members. Moore's posterwill be on display locally at the Chester/Delaware Farmers Association's fall banquet. She is the daughter of Mr. and Mrs. Charles Moore.

Pam and Donald Gable, Elverson, will attend the 1987 PFA Young Farmer and Rancher Leadership Conference at Toftrees Convention Center, State College July 17 and 18. Gene Schenck, press secretary for the Pennsylvania Department of Agriculture, will keynote the workshops, speeches and discussion sessions for farm couples and singles aged 18 to 30.

The program, which includes two lunches and a Friday evening banquet is $160 per couple. For more information the Gables may be contacted at 286-2967.

Region One Ladies Day Out will be held Wednesday, July 22 at the Kulpsville Holiday Inn. Jan Carson, publicity director of PFA, will speak on Women's Role in Agriculture and image consultant Lou Ann Rittenhouse will present a color coordination session. Chiropractor Bruce Rothenberger will also speak and a musical comedy is scheduled.

The $11 per-person cost includes a sit-down ham luncheon. Door prizes will be awarded. Registration begins at 9:30 a.m. and the program ends at 2:30 p.m.

The Kulpsville Holiday Inn is at the Lansdale exit of the Pennsylvania Turnpike Northeast Extension. PFA Region One embraces Chester, Delaware, Montgomery, Bucks, Berks, Lebanon, Dauphin, Lancaster and York counties.

Reservations must be made by July 14 with one of the following members: Portia Breckbill, 932-3307; Kathy Guest, 469-6627; Eleanor Mark, 869-9630; Anna Grace Moore, 869-9542; Barbara Mast, 593-5853; Dottie Bartels, 869-2126. Bartels serves on the state PFA Women's Committee.

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Booklet Tells How To Protect Wells, Springs

UNIVERSITY PARK — Bacterial contamination of your water supply can make your family sick and create financial headaches beyond your wildest dreams. Prevention is the best cure.

"Bacterial contamination is one of the most common problems of privately owned wells and springs," says Penn State water quality specialist Joe Makuch, "but it's also one of the simplest to prevent." Poor location and construction are the two most frequent reasons why owners have problems with their water systems.

Joe Makuch is with the Department of Agricultural Engineering and the Chesapeake Bay Project, a state program of agricultural management to improve water quality. He and William E. Sharpe, associate professor of forest hydrology in the College of Agriculture's School of Forest Resources, have just published a nuts-and-bolts, how-to booklet on "Safeguarding Wells and Springs from Bacterial Contamination."

Illnesses most often associated with contaminated water include gastrointestinal ailments such as diarrhea and stomach cramps. Diseases such as hepatitis (a virus) and giardiasis (caused by a protozoan) are also transmitted by water. Bacterial and other microorganisms that contaminate rural water supplies come from a number of sources such as septic systems, silos and barnyards and contaminated run-off into sinkholes as well as abandoned and active wells.

If you already have a contaminated water supply, "Safeguarding Wells and Springs from Bacterial Contamination" outlines a number of corrective measures to take. Both the water supply location and system should be checked for contamination pathways. Make the necessary improvements and shock chlorinate the system. If after two weeks the water is still contaminated, your choice is to find a new source of water or continuously disinfect the present one — it may be less expensive to disinfect what you know than to risk the expense of developing another source that may also be unsafe. The authors describe a number of disinfection methods.

To get a copy of "Safeguarding Wells and Springs from Bacterial Contamination," contact your county Penn State Cooperative Extension Office or write to the Penn State College of Agriculture, Publications Distribution Center, 112 Agricultural Administration Building, University Park, PA 16802. Ask for Extension Circular 345. Single copies are free.

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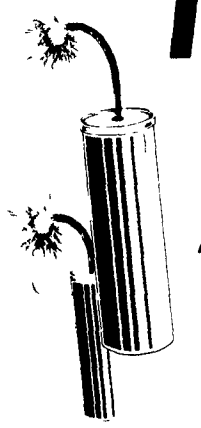

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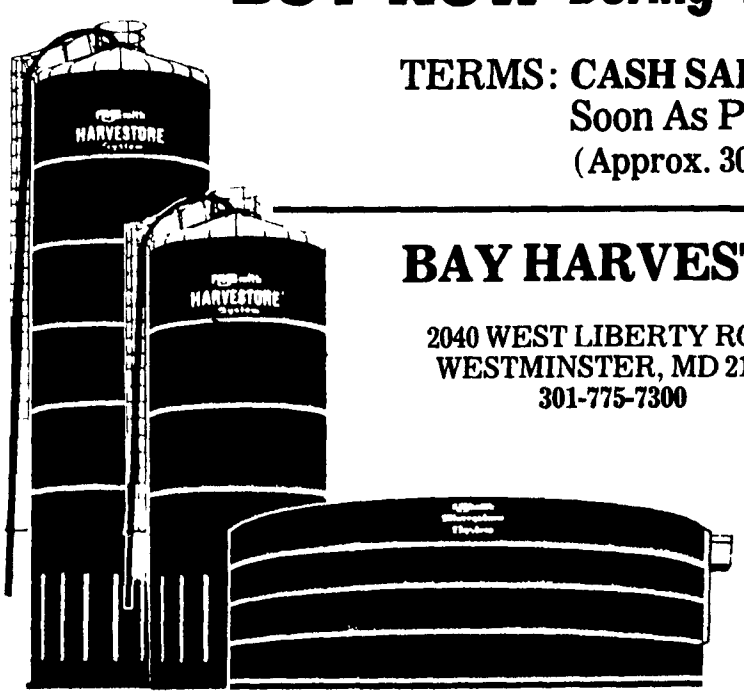

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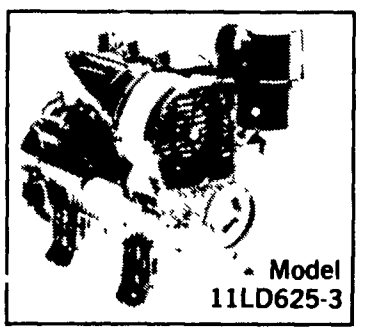

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DEALER INQUIRIES INVITED

BY H. LOUIS MOORE
Professor of
Agricultural Economics

Free trade. It seemed like the only way to go for a 30 year period from 1950 to 1980. Economists began advocating it right after World War II. It got so popular in the 1960s that it even got a place in the dictionary.

Free trade is "trade based upon the unrestricted international exchange of goods." This means that in a world of free traders products would move freely among nations. Eventually the nations that could produce items at the lowest cost would dominate the market for those items.

In a free trade world New Zealand might produce the lion's share of the lamb and wool. Japan might produce television sets at the least cost. Grain products might be produced in the United States while textiles might come from mainland China. The United States was the first advocate of free trade and we tried it for almost 30 years. There are serious questions as to whether other countries ever really advocated free trade — though they talked the game.

Free trade worked great in the 1960s and 1970s for the United States. The rest of the world was becoming more affluent and wanted our agricultural products. Our exports soared. But by the late 1970s it was evident that many nations were encouraging — even subsidizing agricultural production. One way to encourage agricultural production was to put up barriers to the entry of U.S. products. These barriers usually take the form of high import duties. If the duty is high enough it is impossible for important products to compete even though local production might be at very high cost.

Japan and the EEC are prime examples of areas which legislated many U.S. farm products from their markets. While Japan continues as a large buyer for grains, they make it difficult for the United States to send meats and other high value products to their markets. Yet they continue to have almost unlimited access to U.S. markets for their electronic products, automobiles and other high value products. The balance of trade soared to over $55 billion in favor of Japan in 1986.

Economists continued to advocate free trade even though the United States has now become the largest debtor nation in the world. When we become a debtor nation in 1985 it was for the first time since 1914. This is a dubious honor since debtor nations are usually developing countries. The dollar, the federal deficit, the debtor status, and trade barriers are all part of the problem.

It appears that 1987 has brought a new toughness to the United States. The President continues to strongly advocate free trade stating that in a world with many trade barriers and subsidized industries the consumer pays dearly — with higher prices.

During the recent Economic Summit in Venice, President Reagan called on all nations to end agricultural subsidies by the year 2000. This was the first time the President had been so bold as to put a time table on ending agricultural subsidies. By advocating the end not until year 2000 the President recognizes the extent of the problem. The others at the summit hardly even wanted to talk about an end to agricultural subsidies and certainly no one thought it was possible to do anything of substance by the turn of the century.

Thus, are two problems which hindered the President's position:

- We are in great debt and the other countries represented around the table are all our creditors, and
- The U.S. is not lily white for we play the subsidy game too.

Measuring governments role in supporting agriculture is not easy but generally it has been found that developed nations assist producers with subsidies while less developed nations tend to assist consumers by intervening to keep food prices low.

Most of the major problems seem to be with subsidies in developed nations.

Japan helps its agriculture most among its developed nations. In the 1982-84 period Japan provided producer subsidy equivalents of 75 percent or more for dairy products, rice, wheat and barley. Beef, soybeans, pork and sugar had subsidy equivalent of 50 to 74 percent. This means that for dairy producers in Japan over 75 percent of their cash receipts came from the government.

South Korea and Taiwan follow Japan in supporting their agriculture while the EEC is next. The EEC has only one commodity, beef in the 50 percent plus range but eight commodities in the 25 to 49 percent range. The United States has only one commodity — sugar — which is subsidized at over 50 percent. On average Japan has a producer subsidy equivalent of 72 percent followed by the EEC with 33 percent, New Zealand is at 23 percent, and the United States and Canada are tied at 22 percent.

We are not going to turn the other cheek anymore.

Japan has agreed to hold its imports of cars to the United States at a reduced level. Though they are sending more higher price cars loaded with expensive options. The President slapped them with a stiff duty on computer components a few months back but is now lifting a portion of the duty because "Japan is making significant progress in solving their problem." We have warned the EEC that we will fight fire with fire.

The results of our new tough policy is not what had been hoped for. Instead of leading to more free trade among nations it has merely led to the United States more openly playing the subsidy game.

The Soviet Union is again buying wheat from the United States. That is good news for wheat producers. The Soviet announced they would buy the full 4 million metric tons they are obligated to buy under the five-year agreement. But they are only buying because the United States agreed to reduce the price to about its world market level. The sale will be the biggest ever under its Export Enhancement Program (subsidy) now 2 years old. The subsidy will be in excess of $15 per ton.

Early in May the U.S. House of Representatives passed its controversial trade bill which contains the Gephardt amendment. This amendment would require the President to retaliate against any country running excessive trade surpluses with the United States that are traceable to unfair trade practices. A Senate version is more moderate but trade sanction talk is high on the agenda in Washington.

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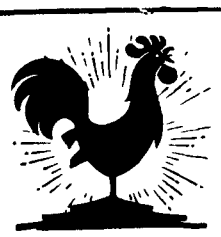

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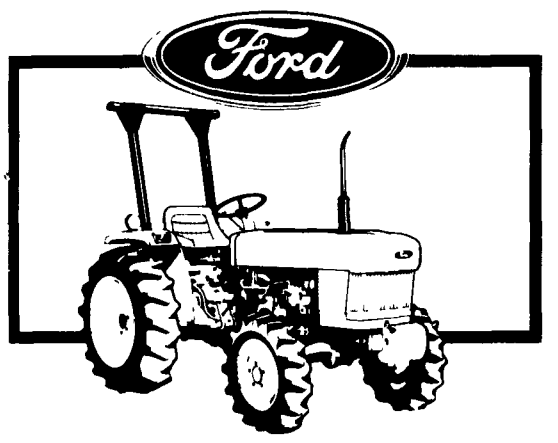

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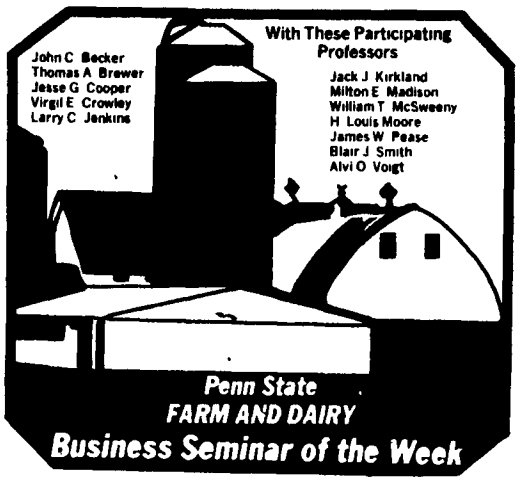

(Continued from Page C4)

Trade differences in the agricultural sector are likely to get worse before they get better, underlying the fact that free trade is less likely today than a decade ago. Economists talk about it, the President espouses it but no one on the firing line seems to want free trade anymore.

New Strawberry Extends Growing Season

WASHINGTON – Strawberry fields forever? Maybe not forever, but scientists have developed a new strawberry plant that produces fruit in the mid-Atlantic area well past the normal season of mid-to-late May.

The U.S. Department of Agriculture and the Maryland Agricultural Experiment Station have released to nurseries a new disease-resistant strawberry, Lateglow, that bears fruit through June and well into July.

"Lateglow is a high-quality, late-season fruit that is ideal for areas where root diseases may be a problem, particularly in the northeastern and central United States," said plant geneticist Gene J. Galletta of USDA's Agricultural Research Service.

Galletta, based at the agency's Beltsville, Md. research center, expects plants to be available to fruit growers this fall.

Lateglow's large fruit has firm flesh that is medium red, juicy and sweet. Highly marketable, the fruit resists gray mold and leather rot and is less susceptible to skin injury than most other varieties.

In addition to root rots, the medium-sized plants also resist red stele disease and Verticillium wilt, Galletta said. They also tolerate powdery mildew, leaf spot and leaf scorch common to strawberry plants. Lateglow produced excellent crops of fresh market fruit when field tested in Pennsylvania, New Jersey and Maryland and showed promise in limited tests in Ohio and Minnesota.

Lester, another high-quality June-bearing strawberry introduced by USDA and the Maryland Agricultural Experiment Station, became available to fruit growers in 1985. Galletta says this variety fruits one to two weeks earlier than Lateglow.

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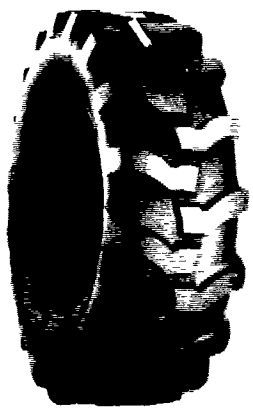
18 4x30 6 Ply	$270 00
23 1x30 8 Ply	$650 00
24 5x32 10 Ply	$775 00
16 9x34 6 Ply	$270 00
18 4x34 6 Ply	$310 00
18 4x34 8 Ply	$335 00
20 8x34 6 Ply	$479 00
20 8x34 8 Ply	$510 00
23 1x26 10 Ply	$600 00
23 1x34 8 Ply	$689 00
11 2x38 4 Ply	$147 00
12 4x38 4 Ply	$175 00
13 6x38 4 Ply	$185 00
13 6x38 6 Ply	$205 00
14 9x38 6 Ply	$224 00
15 5x38 6 Ply	$235 00
15 5x38 8 Ply	$260 00
16 9x38 6 Ply	$295 00
16 9x38 8 Ply	$325 00
18 4x38 6 Ply	$340 00
18 4x38 8 Ply	$380 00
20 8x38 8 Ply	$520 00

Service Available.... Call For Quote!

ARMSTRONG
★ TUBELESS ★

16 9x24 8 Ply	$265 00
16 9x24 10 Ply	$330 00
17 5Lx24 6 Ply	$245 00
17 5x24 8 Ply	$270 00
15 5x25 12 Ply	$310 00
17 5x25 12 Ply	$440 00
19 5Lx24 10 Ply	$390 00
19 5Lx24 12 Ply	$430 00
12Lx24 12 Ply	$500 00
20 5x25 12 Ply	$643 00
23 5x25 12 Ply	$960 00
23 5x25 16 Ply	$1 000 00

Loader-Dozer

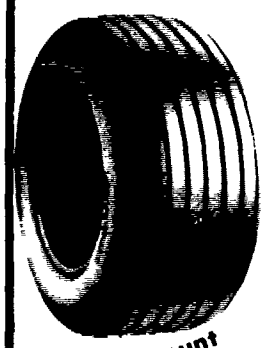


ARMSTRONG
★ TUBE TYPE ★

14 9x24 6 Ply	$200 00
14 9x24 8 Ply	$220 00
16 9x24 6 Ply	$220 00
16 9x24 8 Ply	$235 00
16 9x24 10 Ply	$280 00
17 5Lx24 8 Ply	$240 00
16 9x28 8 Ply	$260 00
18 4x28 10 Ply	$340 00
20 5x25 12 Ply	Call For Quote
23 5x25 16 Ply	
1300x24 10 Ply	$225 00
1300x24 12 Ply	$245 00
1400x24 10 Ply	$255 00
1400x24 12 Ply	$280 00

ARMSTRONG

WAGON TIRES



Special Discount $5.00 OFF These Prices

26 1200x12 4 Ply	$49 00
8 51x14 6 Ply	$41 00
9 5Lx14 6 Ply	$44 00
9 5Lx14 8 Ply	$49 50
9 5Lx15 6 Ply	$42 00
9 5Lx15 8 Ply	$44 00
11Lx14 6 Ply	$49 00
11Lx15 6 Ply	$43 00
11Lx15 8 Ply	$47 00
11Lx15 10 Ply	$60 00
1000x15 8 Ply	$60 00
11Lx15 8 Ply Tubeless	$50 00
11Lx16 8 Ply	$58 00
11Lx16 10 Ply Tubeless	$74 00
12 5Lx15 10 Ply	$75 00
12 5Lx16 14 Ply	$85 00
12 5Lx15 12 Ply	$87 00
14Lx16 1 12 Ply	$140 00
16 5Lx16 1 10 Ply Tubeless	$160 00
25x7 50x15 4 Ply Tubeless	$44 00
25x7 50x15 6 Ply Tubeless	$49 00
27x9 50x15 4 Ply Tubeless	$53 00
27x9 50x15 6 Ply Tubeless	$60 00
27x9 50x15 8 Ply Tubeless	$65 00
31x13 50x15 6 Ply Tubeless	$88 00
31x13 50x15 8 Ply Tubeless	$99 00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

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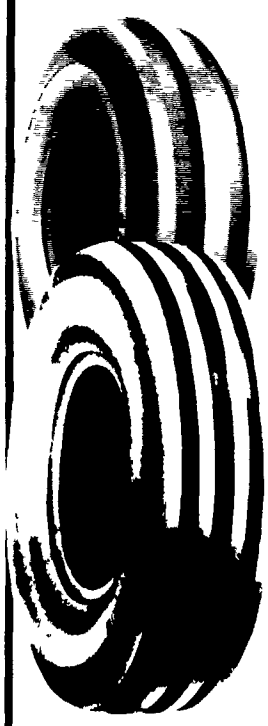


★ 3-RIB ★

400 12	$22 00
400 15	$24 00
400 19 4 Ply	$29 00
500 15	$31 00
550 16 4 Ply	$33 00
550 16 6 Ply	$36 00
600 14 6 Ply	$52 00
600 16 4 Ply	$37 00
600 16 6 Ply	$41 00
650 16 6 Ply	$42 00
75L 15 6 Ply	$50 00
750 16 8 Ply	$54 00
750 15 6 Ply	$50 00
750 18 6 Ply	$64 00
750 20 6 Ply	$77 00
9 5L 15 6 Ply	$55 00
9 5L 15 8 Ply	$60 00
10 00 16 6 Ply	$80 00
11Lx15 8 Ply	$75 00
1100 16 8 Ply	$110 00
14L 16 1 8 Ply	$160 00

★ 4-RIB ★

11L 15 8 Ply	$80 00
10 00 16 6 Ply	$80 00
10 00 16(TL) 6 Ply	$95 00
10 00 16(TL) 8 Ply	$106 00
11 00 16 6 Ply	$108 00
11 00 16(TL) 6 Ply	$110 00
11 00 16 8 Ply	$108 00
11 00 16(TL) 8 Ply	$123 00
14L 16 1(TL) 6 Ply	$180 00
14L 16 1 8 Ply	$164 00
16 5L 16 1(TL) 8 Ply	$250 00

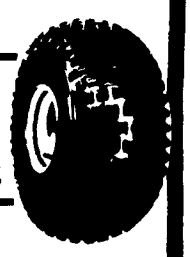
★ 5-RIB ★

1100x16 12 Ply Tubetype	$135 00
1100x16 12 Ply Tubeless	$150 00

CONTRACTOR F-3

11Lx15 8 Ply	$80 00
11Lx16 8 Ply	$92 00
11Lx16 10 Ply	$98 00
750 800x16 10 Ply	$80 00
11Lx16 12 Ply	$130 00
145 75 16 1 10 Ply	$225 00

3 WHEELER TIRES



22x11 00 8	$38 01
25x12 9	$54 71
18x950 8	$30 65

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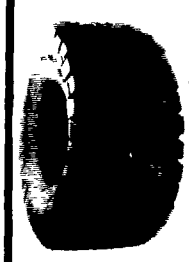
USED GRASS TIRES IN STOCK!

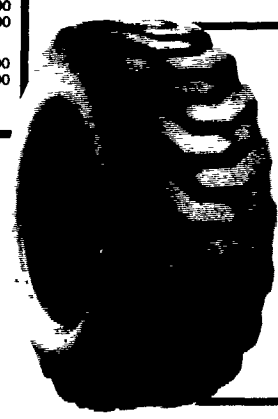


8 3x24	$100 00
9 5x24	$112 00
14 9x24 6 Ply	$200 00
16 9x24 6 Ply	$210 00
18 4x16 1 6 Ply	$245 00
18 4x26 6 Ply	$360 00
13 6x28 6 Ply	$225 00

Small Rear Farm Tires

750x20 4 Ply	$59 95
750x24 4 Ply	$64 95
8 3x24 4 Ply	$82 00
9 5x24 4 Ply	$92 00
11 2x34 4 Ply	$142 00
11 2x36 4 Ply	$144 00
12 4x24 4 Ply	$123 00
12 4x36 4 Ply	$175 00
13 9x36 6 Ply	$200 00

SKID LOADER TIRES



570x12 4 Ply	$40 00
23 850x12 4 Ply	$47 00
27 850x15 4 Ply	$51 00
27 850x15 6 Ply	$65 00
27 1050x15 6 Ply	$70 00
700x15 6 Ply	$65 00
750x15 6 Ply	$68 00
10 16 5 6 Ply	$80 00
12 16 5 8 Ply	$120 00
Steel Shield	
10 16 5 6 Ply	$95 00

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Health Management Critical To Calving Success

SCHAUMBURG, Ill. — Health management practices before, during and after calving can save dairy producers and cow/calf operators thousands of dollars in losses and earn thousands more in increased productivity, but these practices are often neglected, according to the American Veterinary Medical Association.

Only 25 to 30 percent of Minnesota dairies now use routine herd fertility programs, according to a report issued by the Minnesota Veterinary Medical Association. The extent of utilization of efficient reproductive health management practices by dairy producers and cow/calf operators in other states is not known, but is believed to be similar to the Minnesota experience.

"Many of our producers are conscious of the care needed at calving time, but some are unaware of the losses that may result from neglect," said Michael K. Moore, a bovine practitioner in Superior, NE.

The economic impact of a reproductive health management program supervised by a veterinarian is hard to measure, but here are some estimates based on current practice

• In Wisconsin, dairy herds following professional management practices have reduced calf death losses to under 5 percent, usually to 2 to 3 percent, where losses of 30 to 40 percent were once prevalent.

• Cows lost or suffering severe reproductive damage during calving in these same Wisconsin herds, once 25 to 30 percent, have been cut to 2 to 5 percent by applying modern reproductive health management practices, reported Leland C. Allenstein, bovine practitioner specializing in dairy practice in Whitewater, WI.

• For cow/calf operators, it is estimated that up to 25 percent of the cows kept for producing calves fail to do so, when the annual average carrying cost of a cow is $300 to $350 and a 95 percent net calf crop is a realistic goal for the reproductive health program.

• A dairy herd of 55 cows that reduces its calving interval (time between calvings) from 433 days to 386 days will realize a gain of approximately $20,000 in increased milk production and reduced maintenance costs, according to a report issued by the Idaho Veterinary Medical Association.

"We try to inform our clients about calving, so that they can act as obstetrical assistants. Essentially, that involves knowing what to do to help the cow, how to assure safety and health of cow and newborn calf, and when to call for professional help," Dr. Allenstein explained.

"One of the main things we stress is to keep the breeding season short — say 60 to 75 days, said Archie P Andrews, bovine practitioner in Archer City, TX. "As the length of the breeding season increases, the degree of attention paid of calving decreases. If the rancher knows heifers will be calving within a 60-day period, he'll be willing to devote time to watching them. A good, aggressive operator applies round-the-clock surveillance to avoid problems."

Neglect is the major problem that reduces efficiency in calving. Here are some other common problems:

• Breeding first-calf heifers that are too small for calving.

• Breeding a cow with a bull that sires calves too large for her to deliver without medical assistance.

• Helping to deliver a calf but not knowing how hard to pull.

• Not getting professional help early enough when problems develop at calving.

• Failing to give the newborn calf colostrum within the first hour or two of birth.

• Failure to provide a completely sanitary environment for calving.

"Being alert at calving time pays off, but planning before breeding is also important. A veterinarian is ready to help whenever trouble occurs and to provide advice on preventive measures that will increase the efficiency of calving operations," said Duane N. Rice, Extension Veterinarian, University of Nebraska, Lincoln.

'Corn Classic' To Be Bigger Than Ever

ST LOUIS — More than 60 companies, cooperatives and associations from across the nation will gather at the National Corn Growers' Corn Classic, July 19-21, to display their products and services to more than 1,000 attendees.

Based on current committments, the 1987 Classic, at the Hyatt Regency, Minneapolis, MN., will host the largest trade show in the history of the National Corn Growers Association Some 80 exhibits will feature a wide variety of equipment, seed, farm chemicals, fertilizer and computers.

"Companies from New York to California are helping to make this year's trade show our biggest success yet," says Jim Hoeft, corn farmer from Delavan, IL and vice president of NCGA's public relations

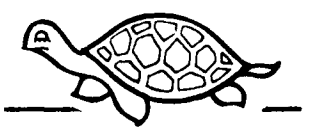
Exhibitors come to the Corn Classic for a variety of reasons but with one common goal - to improve corn profitability. "We believe in what corn growers are accomplishing in opening new markets for farmers," says John Smith, M&W Gear Company, Gibson City, IL.

Robert Reed, Paul's Machine & Welding Corp., Villa Grove, IL, exhibits at the trade show to introduce corn growers to new applicators and their benefits

"We want to help corn growers and NCGA make growing corn more profitable. One way to show our support is exhibiting at the Classic," says Bob Pitchard, DeKalb-Pfizer Genetics. "We also benefit from the interaction with corn growers and NCGA leaders."

For Corn Classic registration and hotel information write National Corn Growers Association, 1000 Executive Parkway, Suite 224, St Louis, MO 63141 or call 314/275-9915.

DON'T BE SLOW



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1 FARM EQUIPMENT

Ford 4000 engine, 172 cu. in. w/Funks hand clutch attachment, needs rings, $450. IH 47 Baler, good condition w/#10 kicker, $650 Grimm Hay Tedder, 7', PTO, good condition, $550 201-873-2661.

For Sale: AC 190XT gas tractor 814-542-8416

For Sale: Brillion field cultivator, 16½', have frame to extend to 20', $1975. Kasco 20' 3-bar Buster Bar, $300 20' Fuerst flexible chain harrow with cart, $1975 Snyder Co 717-837-0724.

For Sale Case 660 Combine w/cab, air and pickup reel, 1 owner, 11' Athens chisel plow. All in excellent condition 717-532-7905.

IH hydro 186, cab & air, under 2,000 hrs., dual outlets & PTO, 3 pt., $10,500 301-898-7426

Industrial table saw w/2 mandrells w/data cutters, 5 h.p., $800. Also forklift truck, 6,000 lb. capacity, $1,600. 717-652-1957

Irrigation system: 2,000' of 4" aluminum pipe, 20 sprinklers, power unit, $4,500. 717-432-2291

Irrigation pipe, 3" thru 8", band & latch fitting 717-473-3516. 8 a.m. to 5 p.m. Ask for Jim Kohl.

JD 105 Combine, 15' grain head, 435 corn head, hume reel, straw spreader, recent overhaul, cab, air, always shedded, used as backup combine, used only for 10 acres in the last 3 years, very good, field ready 215-838-9927.

For Sale Ford 144 4 btm roll over plow, excellent shape. 717-386-3835

For Sale JD #30 combine. 717-225-6045

For Sale. Mechanical fertilizer side dresser, ideal for peppers, tomatoes, etc; 1983 8' Ford pickup box, like new. 717-473-3516. 8 a.m to 5 p.m. Ask for Jim Kohl

For Sale NH 451 3PT mower, excellent condition, $1100 firm. 717-949-3439

IH 1190 haybine w/hyd cylinder to move hitch, good condition, $2,200. Delivery Available. 24' Smoker elevator for corn or hay, $175 717-534-1253

IH 1300 7' balanced head mower, 3 pt. hitch, $800. 717-653-8054 or 717-285-3208 after 4 p.m.

IH 468 4 row front mount cultivator, $300.; Hesston 310 SP haybine, $1,500.; JD AW transport disc, $1,000.; IH Super M, PS, 3 pt., dual remotes, $2,500.; 8" silo pipe; DeLaval 50 CFM vacuum pump, $350 Monroe Co 717-992-5338

IH 650 harvester w/grass and corn head, good condition. Asking $1500. 717-925-2633.

IH 856, new rubber, dual/hyd., roll bar 301-833-1847

IH #93 combine, 10' platform, 227 corn head good condition Recent overhaul, clean. 717-567-3891.

IH 966, like new Have to see it to want it. Dual/hyd 301-833-1847

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The following categories are available for your classified advertising in Section C Deadline-Thursday morning at 9 of each week's publication

1 Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 Building and Supplies
5 Grain Equipment
6 Dairy Equipment

The following categories are available for your classified advertising, in Section B Deadline-Wednesday afternoon at 5 of each week s publicaton.

7 Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 Swine
12 Artificial Breeding
13 Hog Equipment & Supplies
14 Poultry & Supplies
15 Feed & Seed
16 Fertilizer
17 Plants
18 Fruits & Vegetables
19 Nursery
20 Lawn & Garden
21 Services Offered
22 - Custom Work
23 Help Wanted
24 Situations Wanted
25 Business Opportunities
26 Household
27 Pets
28 Lost
29 Found
30 Computers
31 Notice
32 Miscellaneous
33 Recreational Vehicles
34 Autos
35 Trucks and Trailers
36 Real Estate

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NOTE Please do not use this form for Mail Box Market Ads see instructions in Section D with Mailbox Markets

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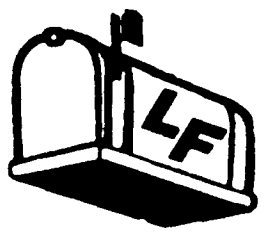
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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13	3 77	7.54	8 97
14	4 06	8 12	9 66
15	4.35	8 70	10 35
16	4.64	9 28	11 04
17	4 93	9 86	11 73
18	5.22	10 44	12 42
19	5 51	11.02	13.11
20	5 80	11 60	13 80

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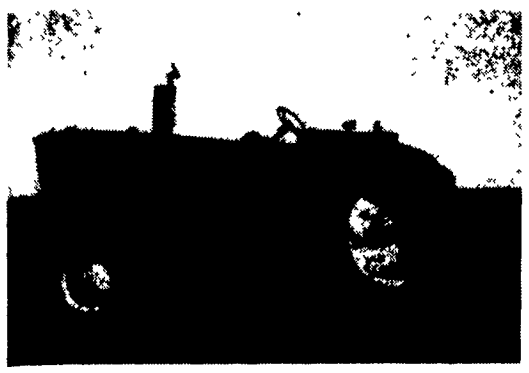

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I.H. 186 Hydro Dsl. Tractor
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I.H. 820 - 15 ft. Flex. Cut Head
I.H. 844 - 4R - Corn Head
JD 3300 Combine w/13 ft. Head
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JD 4400 Combine w/15 Ft. Head
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I.H. 568 - 19' Hyd. Seed Bed Cond
I.H. 12 ft. Rotary Hoe
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F.M.C. 40RC. Air Sprayer
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Oliver 252 - 12'6" Disk Harrow
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IH 700, 5x16 Reset Plow
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MF 275, 12 spd.
MF 275, 8 spd.
MF 1100, cab & air
MF 2675, cab & air
AC G
JD 400 rotary hoe
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IH 706 diesel
Farmall 1066
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Int. 440 Baler w/Thrower
Int. 440 Ba SOLD
Int. 350 [SOLD] larrow
900 Badger SOLD er
IH 510 16 SOLD mb. Grain Drill
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JD 214 Forage Box
Mengle Chopper

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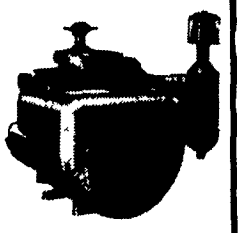

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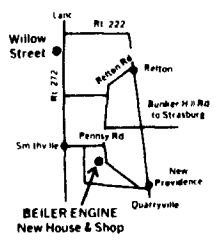

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JD 4230 cab & air, power shift	
JD 4030, quad range	
JD 4020, 72 model, power shift	
JD 4020, 38" Rubber	$7,000
JD 4020, 68 model	$6,000
White 2-155, cab & air	$12,000
White 2-150, cab & air	$8,000
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Oliver 1850 diesel	$6,000
Oliver 1650, new rubber, 2,200 hrs	$5,500
AC 7000, excellent condition	$8,500
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Long 3 pt. backhoe	

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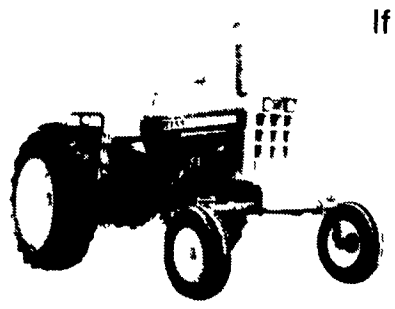

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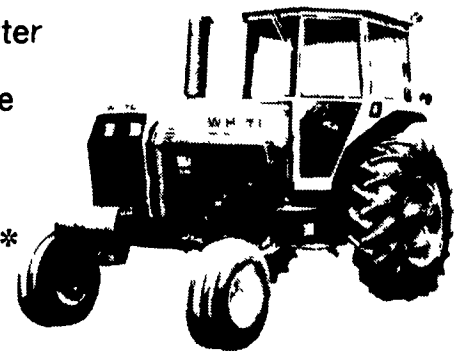

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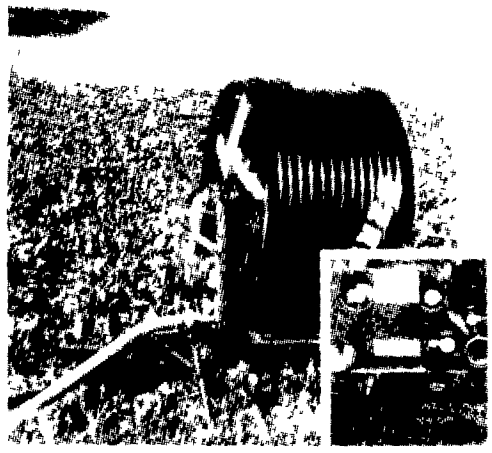

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We Offer All Types:
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All Supplies Are On Hand And Ready For Immediate Delivery
We'll design and install a system for any requirement — using TICO quick-couple pipe (the only irrigation pipe made to withstand 300 p.s.i. pressure) and standard components. Over 30 years service to U.S. and Canadian growers.
We Have Gaskets, Repairs And Fittings For Nearly All Makes Of Irrigation Pipe

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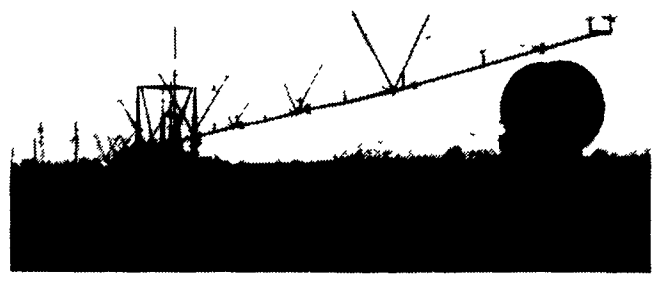
RainBoom



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125 (5 inch) 400 (1160 ft. hose) will irrigate 12 acres in 1 pass
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JD 3010 Dsl S/R, ROM	#2997	$ 5,500
JD 2030 HU Dsl	#3262	$ 9,550
JD 4630 S/R	#3712	$ 9,950
JD 4630 P/S SGB	#4220	$19,800
JD 4030 S/R Dual RC	#3748	$12,500
JD 2020 RU Gas w/47 Loader	#3695	$ 7,995
JD 3020 Gas S/R	#3709	$ 5,995
JD 50	#4250	$ 1,150
AC 8050 MFWD, Cab P/S	#3766	$27,500
Ford 600	#2464	$ 2,500
Farmall M	#3953	$ 1,895
Farmall "C"	#4221	$ 500
Farmall A w/Cult	#3996	$ 1,595
Farmall "A" w/Mower	#4191	$ 1,895
IHC 560 Dsl	#3999	$ 3,900
MF 2745 Dsl w/Dual Whls	#4032	$22,500

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 850 Dsl 2WD w/72 Mid Mower	#413	$7495
JD 365 front blade (fits 650)	#2187	$ 895
JD 67 Loader Like New	#3989	$1,795
York RS 5' rake w/casters	#3849	$ 595
Kubota B7200 HST 17 HP dsl w/1630 loader, Woods 5 3 Pt Mower	#4255	$8,795

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	Tag #	Sale Price
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NI 270 Cut/Ditioner	#2965	$ 1,595
JD 1209 Mower Cond	#3929	$ 3,195

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5440 SP Cab Power Whl Dr w/3R 30 RC	#3771 #3774	$39,950
JD 5400 SP, Cab, Power wh dr	#2840	$29,500
JD 3960 PT w/3R 30 RC	#4186	$ 9,500
JD 38 PT w/5½' Hay P Up	#3288	$ 1,995
JD 3R 30" Row Crop	#2312	$ 1,795
JD 2R 30" Row Crop	#4234	$ 1,100
NH 782 PT w/2 R-RC, Hay Pickup	#4125	$ 7,795
JD 716 Hi Side 3B Roof Reconditioned	#3755	$ 5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$ 5,995
Grove Wagon 2 Btr	#3796	$ 1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$ 5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$ 5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$ 5,500

MISCELLANEOUS

	Tag #	Sale Price
JD 300 30 Ft Elevator	#3888	$1195
JD P107 3-pt rotary cutter	#2372	$ 250
Friend 3 pt Sprayer 18'	#2813	$ 695
JD 27 Flail Shredder	#3877	$2995
EZ 1275 Wagon Gear Less Whls	#3896	$ 495
Massey 68 Rotary Mower	#4122	$ 795
JD Double Windrow Attach for 1219 Mow/Cond Demo		$2850

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	Tag#	Sale Price
JD 6620 SH Cab A H Stw Spdr w/215 Flex Plat w/643 SH Corn Head	#3315 #3317 #3319	$59,000
JD 4420 Cab A/H Stw Spdr w/213 Flex Plat	#2304 #2310	$25,000
JD 7700 Cab A/H, AHHC	#2721	$1[illegible]00
JD 6600, SH, Cab, A/H w/215 Flex Plat w/643 SH Corn Head	#2918 $2923 $2925	$2[illegible]00
JD 6600, Cab A/H, AHHC	#3166	$2[illegible]00
MF 300, Cab A, w/13 ft Platform w/3R30" Corn Head	#2862 #2883 #3058	$6[illegible]500
AC Gleaner "F" w/13' Plat w/430 Corn Head	#3686	$13[illegible]950

REDUCED

DISK HARROWS

	Tag #	Sale Price
JD 110 14 Ft	#3960	$3350
JD 210 11'5"	#4068	$3100
JD 315 12'-10"	#3506	$5500
JD Kilh 1200 24 bu	#3936	$600
IHC 270 11'4"	#3921	$1975
Ford 240 11'	#3959	$3200

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	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$ 3,995
NI 324 2RW w/8 Roll Husk	#3823	$ 3,450

GRAIN DRILLS

	Tag #	Sale Price
JD FB 13x7, sdo, gsa	#2683	$ 695

CORN PLANTERS

	Tag #	Sale Price
New JD 7200 12 Row Flex Fold		Special
JD 7000 6R Dry Fert Insect Mon	#4107	$6200
JD 7000 6R Cons liq f insect mon	#3386	$7595
JD 7000 6R Cons liq f insect mon	#3429	$6995
JD 7000 6R Reg dry f insect	#3199	$6195
JD 7000 6R Cons dry fert, insect	#4086	$7750
JD 7000 4R Cons dry f Insect, Mon	#3400	$7495
JD 1240 4R, dry f insect	#3251	$1895
JD 1240 4R, dry f, insect	#2849	$1195
JD 1240 4R Liq f	#3958	$1350
JD 1240 4R Dry Fert Insect	#4064	$1500
JD 494A 4R Dry Fert	#4194	$395

MOLDBOARD PLOWS

	Tag #	Sale Price
JD 325 4B16 Power Reset	#4085	$1200
White 348, 3-18" sp reset	#3657	$2195
Ford 2B-16 Plow	#4027	$325

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
JD 40 w/Hyd End	#3963	$ 1,900
NH 367 Tank Spreader	#2512	$ 1,495
IHC 575 w/Hyd Endgate	#3830	$ 3,950
NH 519 Spreader	#4254	$ 1,795

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	Tag #	Sale Price
IHC 3 pt 7 rigid stds	#3209	$ 895

NEW 55 SERIES UTILITY TRACTOR

JD 2955-85 HP

Last Week For Demonstration At Your Farm
July 6-11
By The John Deere Company and Landis Bros., Inc.
Call Now For Appointment-No Obligation-Ask For Herb

Two 9 Ft. Mower/Cond.
JD 1219 Conv. Type
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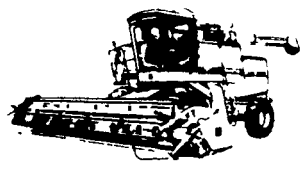
AC Gleaner "F" Diesel
w/Cab-Air
13-Ft. Rigid Plat.
4R 30" Corn Head



JD 7700 Diesel
w/Cab-Air
Automatic Header Height Control
13-Ft. Rigid Plat.

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JDFP Finance Terms- Approved Credit

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50 Series Utilities
12 Mo. Waiver From Date Of Sale

55 Series Utilities
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New Row Crop
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Waiver On New Forage Harvester & Forage Wagons.
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Waiver On New Tillage Tools Plows, Harrow, Mulch Tiller
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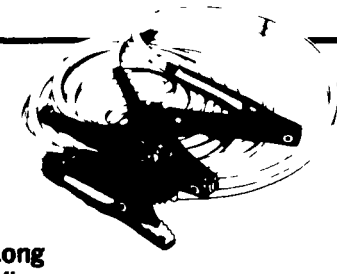

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MF 1135 Farm Tractor w/Cab
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Ford 4610	IH 574
Ford 4610 w/loader	IH 766
Ford 8000 w/DP	IH 1066
Ford 8200, 4WD w/cab	T020 Ferguson
Ford 9600	230 Timber Jack
JD 1630, 50 h p	New Long 610, 4WD
JD 1830, 60 h p	New Mitsubishi 372, 15 h p
JD 2040, 65 h p, 4WD, sound guard cab	New Mitsubishi 160, 4 WD, 16 h p
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JD 4230, 4 Post, QR, Sharp	$8,500
IH 986 Dsl, WF, TA	$8,000
JD 4320 w/year round cab	$7,500
JD 2630 Dsl., live PTO	$7,200
JD 4000, 1972 Model, Nice	$7,200
JD 3020 diesel, side console	$6,850
JD 3300 dsl. combine, late mod.	$6,500
JD 2120 dsl., live PTO	$6,200
JD 1530 Dsl., high clearance	$5,000
JD 4010 Diesel, WF	$5,000
JD 2020 dsl., nice	$4,500
Bobcat 530 Skid Ldr.	$4,000
JD 317 hyd. trans. w/mower	$2,600
IH 560 Diesel w/Heat Houser	$2,000
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JD WFE w/trade	$1,000
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18x4x34 Snap On Duals	$500
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24' Cross Elevator	$350
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NI 299 Mowditioner
NI 404 Wheel Rake
JD 38 Harvester w/pickup
Gehl 2600 Skid Loader
Farmall M Tractor
Case 1690 Tractor w/cab & air
NI 707 Uni Power Unit w/717 Combine
NH 709 Uni Power Unit w/767 Harvester & 766 Pickup
JD 700 Grinder-Mixer
MF 15 Grinder-Mixer
MF 72 10 ft. Combine

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(1) 9 ft. Disc Mower Conditioner
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(1) RC 330 Tedder Rakes
(1) RS 510 Tedder, 3 Pt. Hitch
(1) LS 300 M Sprayer, 21' Booms
(2) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(3) LS 1410T Sprayer
(2) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

NEW MF TRACTORS

(3) MF 1010 Tractors w/Mowers
(2) MF 1035 Tractor
(1) MF 232 Loader

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(1) Super 7+4 Forage Box, Tandem Axles
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16-Disc Ontario Drill
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JD 650, Turf Tires	JD 2750, 4WD, w/fenders
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JD 750, 4WD	• Ag Tractors Include 12 Month Waiver of Finance!
JD 850, Turf Tires	
JD 850, 4WD	
JD 1050, 4WD	

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JD 2840 w/148 Ldr.	Int. 560 Gas w/Ldr.
Ford 9N	Farmall Cub w/60" Mower
Farmall Super A	

COMBINES

JD 6620 Sidehill, 1725 Hrs., Cab, Air, Loaded
JD 6600 Level Land, Diesel, Rotary Screen
JD 643 And 444 Cornhead
JD Straw Chopper— New!

Look Them Over And Give Us A Bid!

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JD 327 Baler w/40 Ejector	Kuhn 17 Ft. Pull Type Tedder- $2,250 FOB
JD 670 Rake	Grimm Hay Tedder
NH 258 Rake	Knowles, Pequea and JD Running Gears
NH 8[SOLD] Mower	NH 488 Haybine
NH 451 7' Mowers	NH 326 Baler w/75 Thrower
NH 70 Bale Thrower	
NH 472 and 489 Haybines	

USED HAY EQUIPMENT

NH 283 Baler	NH 75 Hyd. Bale Thrower
JD 346 Baler w/Thrower	JD 894-A Hay Rake
NH 269 Baler	JD 336 Baler
NH 770 For. Harv.	Gehl Hi-Thro Blower
NH 36 Flail Chopper	NH 488 Haybine

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Hardi NK170 3 Pt. w/35' Boom	Small Century 3 Pt. In Stock
Hardi TL300 Pull Type w/35' Boom	

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NH 519 Manure Spreader, 175 Bu.- Excellent
New & Used Woods & JD Mowers- Starting At $350!
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Int. 311 64" 3 Pt Mower

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We have clutches available for most all IH tractors; including many heavier than original We also have clutches for many other brands

- Compare Our Prices -

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We are continually increasing our inventory of late model tractor parts We have a good selection of quality used parts at competitive prices If we don't have it, we will try to locate it for you Please have part no. when calling, if possible

NEW INVENTORY

Wide front end for Most IH Tractors
Rebuilt 540/1000 RPM PTO Units Sold on exchange or straight out basis
(New) L H & R.H. Double steps for IH tractors

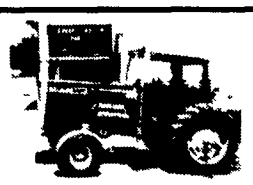
We have in stock many new replacement or remanufactured parts and will feature them over the next couple of months

NEW & REBUILT PARTS

Right and left hand double steps for IH tractors 06, 56 and 66 series tractors

$45 each, $80 per pair

USED TRACTORS



MF 2805, Cab, Air, Duals, 24 Speed Trans., 195 HP, 900 Original Hours, Excellent Condition '14,500

IH 5088, new 18 4x38's, 2300 hrs , cab, air, fully equipped, excellent condition
IH 966 year round cab, 3600 hours, 38" rubber, very good condition
826 wide front end, 3 pt , diff lock, excellent condition
IH 400 gas, rebuilt TA, power steering, good shape
IH 706 diesel, WFE, 3 pt , 38" rubber
IH 560 gas, very good condition
Westendorf loader [SOLD] odel #WL-42, IH brackets and snap attach bucket
AC 7040, 2600 hours, 20 speed trans , good condition
IH Super MTA, 12 volt, power steering

Delivery Available Anywhere

1 FARM EQUIPMENT

NI 702, 727 husking bed, 4RN C.H. $5950; 707 NI dsl. $8900; 838 husking bed, like new $5900. Can deliver. 815-426-2593.

NI 710 combine, 711 grain head, 728 4 row narrow corn head, shed housed, $2,500. Will Separate. Schuylkill Co. 717-682-3245

NI Uni System 710 combine, 711 grain head; Int 350 harvester. 717-275-2509.

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CRAWLER TRACTOR PARTS
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AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others. Loaders, dozers, graders, excavators, rollers. Many parts removed & checked, ship anywhere.
NEW ARRIVALS FOR PARTS
AC HD 7G, Cat 941 w/GP bucket, IH 2500 L/B.
Parts Shipped Anywhere
Balanda Equipment Co.
PO Box 407
Route 29
Palm, PA 18070
215-855-9207
Day or Night

Paddle feeder house & adjustable rear axle for JD 6620 SH combine. 717-733-4516

PTO Irrigation pump, approx. 500' 5" pipe, 700' 3" pipe TD6 Crawler, good condition 717-423-5414.

Case 1160, cab, 2 heads, excellent condition and appearance, extras. Reasonable price. 717-589-3614.

Cat D2 5U Dozer w/angle blade, pony engine w/ electric, nice unit, fair undercarriage, $2,700 215-855-9207

Combine Gleaner E, 10 automatic head, good condition, $1700 Trenton, N.J 609-758-8986.

Cultivator, IH 663 6 row w/individual gauge wheels, cat 2, 3 pth. 609-586-2869

Deere 7720, low hrs., $34,500.; IH 1460, low hrs , $37,500 ; IH 1480; Deere 8820, $38,500. "The Combine Man". 814-635-3689 or 717-632-8619

Deere self propelled choppers with small knives, 20% down, 2.4% financing. "The Combine Man", 717-632-8619, or 814-635-3689.

Detroit diesel, new, used, rebuilt engines, parts, service. We buy obsolete parts. J & R Supply Co., 13A Mill St., Stewartstown, Pa. 717-993-3594

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Farm fan, 120A grain dryer, Ross round bin, 2000 bu. grain augers, 8'x51', 6"x44', 6"x21' grain cleaner, New Holland gravity wagon, Hawk bilt manure spreader, box bed dump wagon, IH disc harrow 37A. Chester Co. 215-444-5943

Farmhand F900B tub grinder w/heavy duty pump, good condition, $9,500. B/Offer 215-268-0111 before 5 p m

Fischbein Sewing Machine on adjustable height stand with 15' long belt conveyor, for closing filled multi wall paper, polypro or burlap bags. WASSERMAN BAG CO., Hicksville, N Y 11801 Call collect, 516-681-5900, Charlie

Deere 213 rigid header, $2950. Deere 10' quick tach table, $1950. Small combines with 10' headers. Call "The Combine Man", 717-632-8619, or 814-635-3689.

New or used combines from Larry Stalter, "The Combine Man" at wholesale prices. 20% down. Interest rates, $15,000 to $49,000, 2.4% no gimmicks. Call 717-632-8619 or 814-635-3689

New Vermeer 504I round baler, $8,750.; JD 224T baler w/hyd. kicker, $2,000.; JD 1209 haybine, $2,100.; 4 kicker hay wagons, $1,200. each or all for $4,000.; JD 720 diesel, std., $3,000. 717-597-4296 or 717-597-3364.

NH 1034 automatic bale wagon, 105 bale capacity, single bale unload, auto. tie tier, very good condition. $9200. Lehigh Co. 215-298-2870.

NH 1469 S/P haybine, Wisconsin engine, just overhauled, $2,500. or Offer. 301-833-1847

NH 256 hay rake; Farmall Super M tractor; 7' Ford Bush Hog; JD 2010 gas tractor, excellent. 201-879-5851

NH 273 baler w/54A thrower, good condition, $1,200.; NH 460 haybine, $300.; IH rake, old but works, $150.; JD N manure spreader, $200. Package Deal. So. Lanc. Co. 717-548-3501

8' McCormick binder, good condition, new canvas, Only $350. Can Deliver. 717-684-0777

8'x16'-18' Oak & Pine wagon beds, $175.-$190. Also, 6-8-10-12 ton wagon gears. 717-656-9876.

9" swing South Bend metal lathe, 18" bed, good condition. $475.00 Call evening between 6-7 p.m. 717-442-9988. Levi K Zook, 402 Mt. Vernon Rd., Gap, Pa. 17527

AC 190XT dsl., cab $7400. Available 9/1 Lancaster Co 717-548-2469.

AC combine model A w/cab, 6 cyl. gas engine, runs good, 13' grain head, 2 row corn head, $2,000. 703-459-3271

AC farm tractor D19, turbo charged diesel, PTO, hyd. in rear, new tires on rear, runs perfect. Lanc Co. 717-786-3269

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AC WD, $950. Available 9/1. Lancaster Co 717-548-2469

Ag-Rain water winch, hose & reel, Asking $3,000. Diesel pump available, Row crop air blast sprayer, Asking $1,200. 609-424-1659

Better-Bilt pit pump, 800 gpm model, good condition, asking $400. Juniata Co., 717-436-6093.

Bobcat 530, completely rebuilt Asking $4,000. Negotiable. 215-538-2947 after 5 p.m. Ask For Dave.

BRAND NEW EQUIP. NH elevator, 24', hay and grain; Brady hay crusher (similar to NI 752); 9' cultipacker; Gandy 10' fertilizer drill; 3 pt. hitch rotary mower; David Brown AL4 Ag loader. 717-687-0102

Brand new diesel farm tractors, starting at 43 h.p., $8,500. up to 140 h.p. for $28,000. 301-833-1847

For Sale Complete irrigation system Pump, 6" trunk line, 5" sprinkler line & all the valves & fittings for continuous irrigation 717-473-3516 8 a.m. to 5 p m Ask for Jim Kohl

MF 540 combine, 830 hrs., almost like new, $15,200. 20% Down, 2.4% Interest For 5 Years. Larry Stalter "The Combine Man" 717-632-8619 or 814-635-3689

MF 750 large diesel combine, U2 reel, 16' Hiniker bar, 1,400 hours. 301-943-4178

Model E Gleaner combine with cab, 10' grain head, 2R corn head; 215 NI PTO manure spreader; 400 Farmall tractor w/fast hitch; 3B Int. fast hitch plows. 717-966-0507. Union Co.

1960 Farmall Cub tractor, including plow disc drag cultivator w/hiller. Asking $2,500; aluminum folding boat. Folt to 1½". Will take up to 14½ power motor. Weighs 150 lbs. Also includes canvas and oars, $400. 717-324-6521.

1969 4000 White tractor, 230 Cummins, aluminum dump trailer, $5,500.; Farmall MDTA, $2,000. 814-944-2471

1981 JD 6620, very good $25,500. 20% down, 2.4% financing. Larry Stalter "The Combine Man" 814-635-3689 or 717-632-8619.

1982 JD 7720 turbo dsl. combine, cab, air, hydro., 30.5-32 tires, 1900 hrs., 643 corn head, excellent condition, $32,000. 609-397-3778.

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2 cylinder JD power unit, model LUC, $325. or Best Offer. 717-733-0266

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6' Woods mower, 3 pt., 3 blades, excellent condition, $1,000.; 5' Woods Bush Wacker, $500.; Call before 10 p m 215-486-6846

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'73 Chevy C-65, 5&2, 366 engine w/18' Eby aluminum cattle & grain bed, 32,000 GVW, Maryland inspected, $9,000. 301-898-7426

760 Combine, 2 heads, 6R corn & 14' grain, $14,000. MF 1100 tractor, new tires & clutch, $5000. F500 Ford Grain truck, $1000. JD 210 14' disc, $1500 215-942-2038.

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8820 JD combine, 2400 hrs., 24' flex head, 6R corn head. 717-748-8322 or 717-748-7376.

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INTEREST AS LOW AS 1.5%
Deere 4425, $46,865.; 6620, $59,738.; 7720, $69,177.; 8820, $78,279.; IH 1620, $52,789.; 1640, $60,775.; 1660, $70,320.; 1680, $80,484.; Also used financing at 5.8%. Larry Stalter, "The Combine Man". 717-632-8619 or 814-635-3689

New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, New Holland 426 baler, twine, 65" pickup w/ hydraulic lift, 16"x18" chamber w/hydraulic tension, flotation tires, and heavy duty axel. Used 1 season (20,000 bales), excellent shape. Gates Homestead Farms, 315-687-7811 or 6775 (leave word).

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12C Mighty Mac II skid loader, Ford gas water cooled engine, roll cage, lights, quick tach bucket & manure fork, $3,100. 717-534-1253

1650 Oliver dsl., WFE, very good condition $2900; 1965 Chevrolet truck, 12' flatbed dump, 4SP trans., 2SP rear, very good condition. 302-653-9465.

1710 Ford 4WD tractor w/770-B front end loader and Model 80 Arps buckets. Shuttle transmission, turf tires, 110 hours, like new condition $11,300 Also available with two 5' mowers, finishing and bush type $12,200. 301-836-1642.

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1958 JD 520, excellent condition, ready to work, power steering, 3 PTH, powrtrol hydraulics, PTO, $2,800., 1973 JD 140 garden tractor, runs great, all hyd. lift, hydrostatic drive belly mower, gang mower, and sickle bar included, $3,000. 717-897-5264

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Roll over guard w/roof for IH tractor, 2 post, like new, $850. 703-867-9644.

SAVE 50% PTO Alternators and Pressure Washers. Parts and service on all Generac PTO Alternators. Call 1-800-231-8277. Dunham Equipment Company.

Super VI potato harvester, belted chain in excellent condition; Mark 76 potato harvester, belted chain in excellent condition. 302-734-9966, 8:30 a.m. to 4:30 p.m. 302-734-7645 after 6 p.m.

For Sale: JD 35 forage harvester, hay pickup head, 2 row corn head, 1000 RPM, good condition. Burlington Co. 609-267-9433 after 6pm.

For Sale: JD 346 baler, excellent condition; JD 1209 mower conditioner, good condition. Also 4 ton orchard grass in large round bales. Available, second cutting prime alfalfa out of field. Phone 215-589-2847.

IHC 51 Forage Wagon, used one year only, sold cows. NH Blower w/AC power unit attached w/ starter. 215-838-9927.

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JD self propelled choppers. Two 5820's, Two 5400's. Will Trade. 20% Down. 2.4% Interest. Larry Stalter. "The Combine Man." 814-635-3689 or 717-632-8619

Late 510 dsl., low hrs., immaculate, kept in, one owner $9,800. "The Combine Man" 814-635-3689 or 717-632-8619.

Late 510 diesel, just plain sharp, two headers, low hours. $15,500. "The Combine Man" 717-632-8619 or 814-635-3689

Massey Ferguson 65 gas, new engine and paint, excellent condition, $3,500. 301-824-3202 evenings.

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JD 4400 diesel, 13', immaculate, $8,250. "The Combine Man". 814-635-3689 or 717-632-8619

JD 6600 Sidehill, in excellent condition w/ grain head, $20,000. "The Combine Man" 814-635-3689 or 717-632-8619

JD quick tach grain heads, all hydraulic, 13' & 16', $1,400. each.; 702D Uni, 767 Super chopper, 763, 762, 761 heads. Will separate. York Co. 717-229-2346

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MF 2705, cab & air w/1,900 hrs., radial tires, excellent condition. 703-334-5772 or 703-334-5768

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MF 35, needs engine. 717-668-1399.

NH 851 round baler, $4,300.; Late JD 1209, works good, $1,500.; JD 24T baler, $800. 717-458-4573. Dennis Fry, Rt. 118, Benton, Pa.

NH baler, $1,200; Ford rake, $400; IH manure spreader, $500. 301-239-8776.

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USED EQUIPMENT

Fox 2310 Harvester 2 Row & Pickup Head, Excellent Condition
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NH 352 Grinder/Mixer, Ex. Cond.
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JD 4250 MFWD, SG, PS

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JD 710 8'9" Mulch Tiller

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JD 660 & 670 Rakes

OTHER EQUIPMENT
JD 1065, 1075 Wagon
JD 716A FG. Wagon

USED EQUIPMENT
MF 275
IH 706
AC 200 w/Cab
JD 16' Grain Platform
Fox 3000 Fg. Harv.
JD 346T Baler w/Thrower
NH 310 Baler w/Thrower
NH 311 Baler w/Thrower
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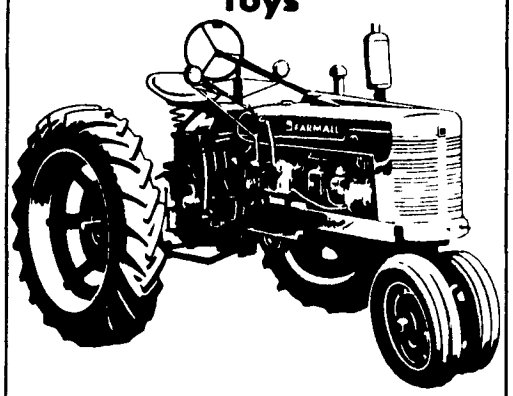

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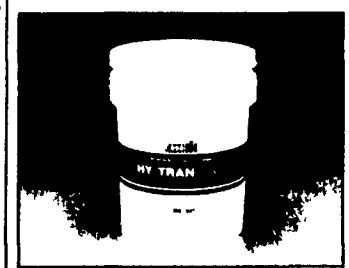

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ENGINE OILS
Good for any 5 quart container of gasoline or diesel engine oil Single or multi-viscosity

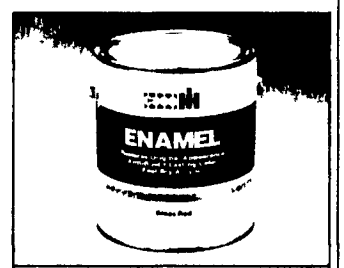
MFG. REBATE
$1.00 OFF

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87

FILTERS
Good towards the purchase of either 675616 C91 or A44081 engine oil filters Limit 2 filters

MFG. REBATE
50¢ OFF

case IH Limit two Coupon Good 6 1 87 Expires 7 15 87



PAINT
Good towards the purchase of 1 gallon CASE IH enamel paint Any color

Special	$23.49
Mfg Rebate	-5.00
Your Cost	$18.49

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87

PRESSURE WASHER
1000 GEX 2 5 GPM 1 5 H P motor 1000 PSI 3 cylinder ceramic plunger pump Part # B500029

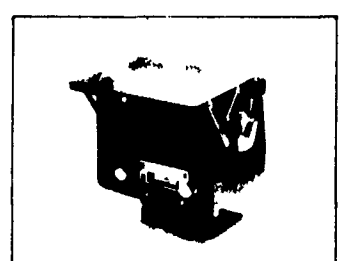
List	$549 00
Special	499.00
Mfg Rebate	-50.00
Your Cost	$449.00

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87

HAND CLEANER
Good for one 45 lb container of either standard or antiseptic hand cleaner

MFG REBATE
$1.50 OFF

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87



RADIO
AM FM stereo fender mount radio with cover Part # 7VX300TRA

List	$142 97
Special	125.98
Mfg Rebate	-20.00
Your Cost	$105.98

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87

BATTERY
Group 24 72 month 530 cold crank battery for automotive or agricultural use Part # B2472

List	$65 85
Special	47.60
Mfg Rebate	-6.00
Your Cost	$41.60

case IH Limit one Coupon Good 6 1 87 Expires 7 15 87

Stop In For More Details Or Give Us A Call. We Ship UPS

MESSICK FARM EQUIPMENT, INC.
Open Friday Til 9 PM
Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA
Phone (717) 367-1319, 653-8867 OR CALL TOLL FREE 1-800-222 3373
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Rheems Exit, Rt. 283 — Elizabethtown, PA

SERVING THE FARMER FOR 35 YEARS

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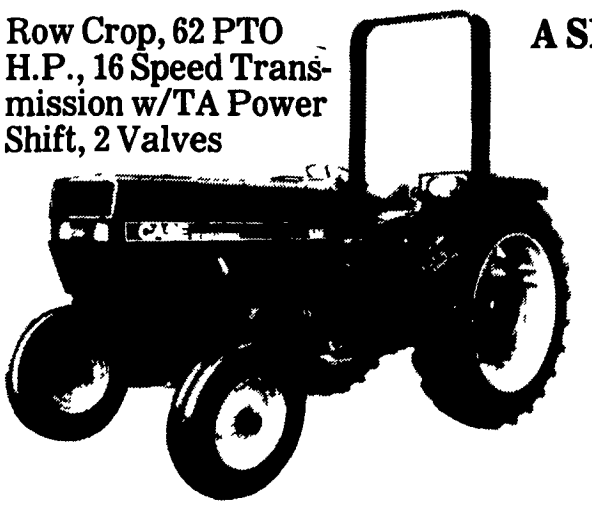
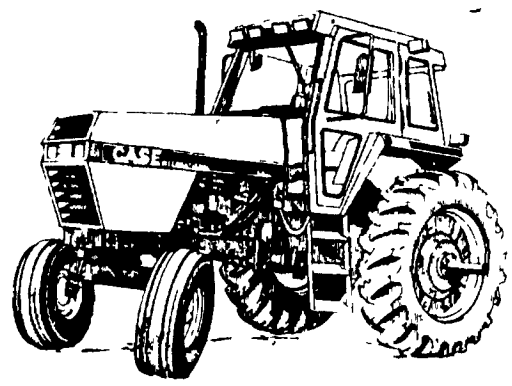
THE CASE IH TRACTOR LINE UP

A SIZE TO FIT ANY FARM OPERATION

CASE IH MODEL 685 TRACTOR

Row Crop, 62 PTO H.P., 16 Speed Transmission w/TA Power Shift, 2 Valves





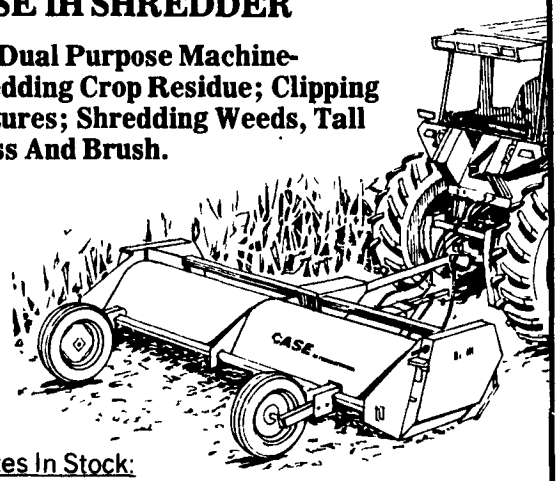
CASE IH 1896 95 H.P.

CASE IH 2294 2 WD, 131 H.P.

12 Speed, Power Shift Transmission, True Ground Speed Sensor

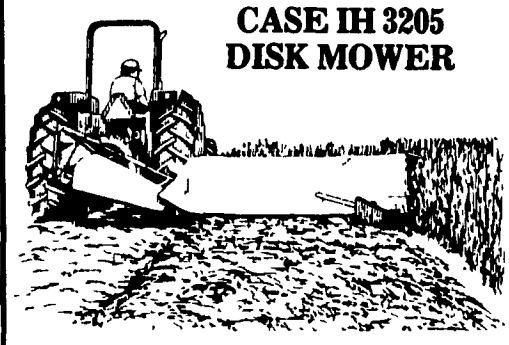
CASE IH SHREDDER

The Dual Purpose Machine- Shredding Crop Residue; Clipping Pastures; Shredding Weeds, Tall Grass And Brush.



Two Sizes In Stock:
Model 50 150 In. Cut.
Model 60 170 In. Cut

CASE IH 3205 DISK MOWER



High Speed, Non-Stop Mowing. Excellent For Road Trimming, Pasture Clipping And Field Mowing.

GOOD CLEAN USED EQUIPMENT

HAY & FORAGE
- NH 479 Haybine
- NH 489 Haybine
- NI Wheel Rake
- Fox Forage Box Wagon
- Gehl 99 Blower
- IH 56 Blower
- NH 2 Row Snapper
- NH Super 717 Harvester 2 Row Nice
- NH 852 Round Baler w/Auto Wrap
- JD 1209 Mower Conditioner Good Condition
- NH 1495 Self Propelled Haybine w/12 Ft Head 46 Hrs
- Hesston No 10 Stack Wagon
- NH 488 Haybine 9 Ft Cut
- NH 450 3 Pt Mower
- Badger Round Baler

TRACTORS
- Cockshutt 30 Tractor
- IH 350 Tractor
- IH 300 Tractor
- Case IH 1494 4WD w/Cab & Air
- MF 50 w/Hyd Driven Orchard & Tree Cultivator
- IH 1086 w/Cab Standard Equip
- Farmall Cub w/Sickle Bar Mower Cultivators & Snow Blade Ex Condition

LOADERS
- Int 3300 Skid Loader w/Roll Cage Good Cond

MISC.
- Studebaker Truck & Wagon
- IH 40 Shredder

COMBINES
- NH TR70 Combine
- IH 815 Combine
- NH Combine Head 960 13 ft

SPREADERS
- NH 791 Spreader w/Hyd Endgate
- IH Model 570 Tandem Axle Spreader w/Tailgate

PLANTING & TILLAGE
- IH 400 Planter
- Pittsburgh 12 Disc Excellent
- IH 370 Disc
- Brillion Transport Harrow 10 Ft
- Glencoe 9 Shank Soil Saver
- IH 370 Disc Harrow 12 Ft
- IH 501 Heavy Duty Disc Harrow 12 Ft
- JD 12 Ft Disc

NEW CASE IH TRACTOR PROGRAM OR 8.8% Financing OR CASH REBATES
Waiver Of Finance Till Jan. 1, 1988

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

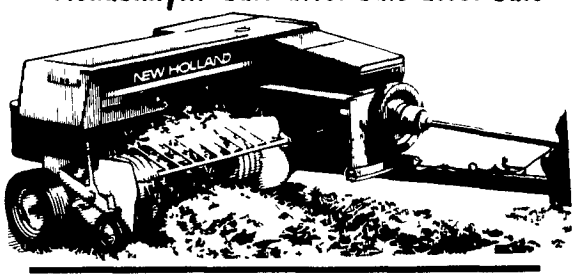
NEW HOLLAND

YOUR HAY & FORAGE HEADQUARTERS

After the sale... it's the service that counts!

N.H. 316 & 326 BALERS IN STOCK

Reliability... *bale after bale after bale*



N.H. 855 & 853 ROUND BALER

Flotation Tires, Bale Ejector, Reverse Drive, Counter, Oiler, 2-400x8 Pick Up Wheels

Featuring New For 1987...

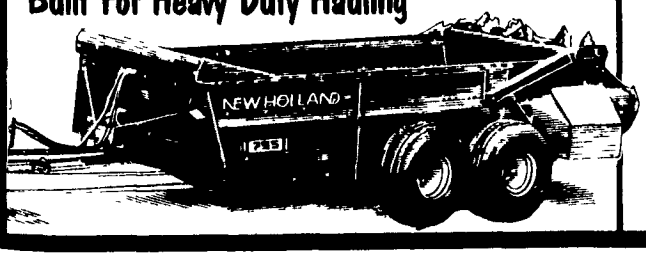
Bale Command Wrap* w/Alarm

853 & 855 ROUND BALERS IN STOCK

N.H. 795 SPREADER

w/Hyd. Gate, Splash Guard

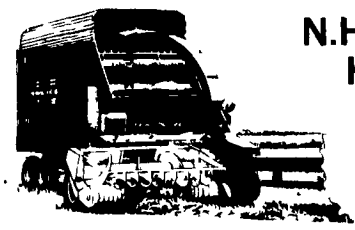
Built For Heavy Duty Hauling



FROM THE FORAGE SPECIALISTS

S.P. 270 H.P. N.H. MODEL 1900 FORAGE HARVESTER

5 YEAR CUTTER PROTECTION



N.H. 900 FORAGE HARVESTER

Designed For Total Performance

- Metalert* II electronic metal detector—protects cutter head and your valuable animals
- Electromagnetic clutches — give instant response in controlling feedroll and attachment drives
- Easy-adjust shearbar — makes adjustment fast and precise
- Two-speed blower — is energy efficient
- Hydraulic swing tongue — makes mounting attachments fast and easy

N.H. MODEL 40 BLOWER

Heavy Duty, 5000 RPM Blower To Match Tall Silos

- 0% FINANCING For 12 Months
- 5.9% FINANCING For 24 Months
- 8.9% FINANCING For 36 or 48 Months

OR PAY CASH & GET BIG REBATES UP TO $6,100

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WARREN SPICKLER — HOME 653-4560
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VISA

USED EQUIPMENT

White 2-135 Tractor
MM 670 Gas Tractor
Haybuster 1068 No-till Drill
White 281- 10' Offset Disc Harrow
18' Brady Hyd Fold Chisel Plow
Ford 2 Row Cultivator
Fox 728 2R Corn Head
NI Rotary Cutter
White 271, 23' Disk Harrow
IH 15' Chisel Plow
NI 6R Double Frame Planter
Hesston 1090 Windrower
Niemyer Power Harrow
White 5B 16" SAR Plow
Westfield 8x51 Auger
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
Woods 12' Flail Shredder
Ford 503 Rake

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

USED FARM & LAWN EQUIPMENT

JD 650 4WD tractor, like new
JD 750 w/ldr. & backhoe, like new
JD 448 Rotary Mower 48", 3 pt. SOLD
JD 25 single bottom 3 pt. plow
JD 34 3 pt. scraper blade
JD 80 1-row cult., 3 pt.
(2) JD 160 Mid Mount Mowers for JD 650 & 750 Tractors
Herd F160 Spin Spreader 3 Pt.
Power-Flo Collection System For 46" Mower - 200 Series Tractors
JD 420 Tractor w/60" Mower
NH Model 25 Forage Blower
Walsh 300 gal. Sprayer
JD 8350 13 disk drill
JD 4400 Combine w/4R corn head, 13' grain head

NEW BUSH HOG ROTARY MOWER SALE
SQ72 3 PT 72" Rotary Cutter, w/slip clutch, $850
SQ60 Pull type, 60" Rotary Cutter w/slip clutch, $770

LEADERSHIP YOU CAN COUNT ON

NEUHAUS'ES, INC.
Main St., P.O. Box 124
Glen Rock, Pa. 17327
John Deere Consumer Products Equip.
717-235-6831
1-800-222-7618

DEUTZ ALLIS

NEW TRACTORS & EQUIPT.

Deutz-Allis 6275, 73 HP, 12F-4R trans, Dual Remotes
Deutz-Allis 7120, 120 HP, Cab, Air, Heat
SPECIAL OF THE WEEK
Deutz-Allis 6265
65 hp., demonstrator
$14,500 Cash/No Trade

Deutz-Allis 6250, 50 HP, Dual-Split Trans
Deutz-Allis 7085, 85 HP, Safety Frame
Deutz-Allis 5220, 21 HP, 12F-4R trans, turf tires
Deutz-Allis 6265, 65 HP 12F-4R Trans
SM70 RC Disk Mower Conditioner 10½'
SM40CR Disk Mower Conditioner
GP 2 30 Round Baler
KH-500 17' rotary tedders
KH-300 rotary tedders SOLD
KS-85DN 9'10" rotary rake
KS-150AS 10'10" rotary rake
Good Selection of Lawn & Garden Tractors

USED TRACTORS & EQUIPT.

Farmall Super A, cultivators, plow, hyd lift, $1 500 as is
DX 160 Radials, Cab, Air, Heat
Ford 532 Baler w/Thrower, $1,200
AC WD-45 w/Plows, nice Priced to Sell
HD 460 Square Baler w/Thrower, Excellent Shape, $5,900
JD 112 Lawn Tractor w/Mower
Deutz Basic F2L-912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

Call For Demonstrations

Stadco Equipment
division of Stauffer Diesel Inc
R D #3 Box 659B Pleasant Valley Rd
Ephrata, PA 17522
CALL TODAY
Jerry Hershey- Office: (717) 738-2500
Home. (717) 872-6106

PLANTING EQUIPMENT

JD 7000 12 Row Front Fold No-Till Coulters, Liq. Fert.

TRACTORS

'77 MF 265 diesel
'78 Int. 484 diesel, cab & duals
'81 JD 4440, cab, air, quad range, 20.8x38 tires
'78 JD 4640, cab & air, dual 20.8, QR
'76 JD 4430, cab, air, quad range, 20.8 tires
'73 JD 4430, Cab & Air, QR Dual 18.4x38

TILLAGE

15' Ford disc harrow w/dual whls.
Ford 4 btm. 16" mounted plow

MISCELLANEOUS

JD RG6 6 row 30" cultivator
JD 35 Harvester w/2 RW Head
JD 1219 Mower Conditioner
Century Recycling Sprayer

COMBINES

'83 MF 850 w/18' flex cutter bar, 1164 corn head
JD 653 row crop bean head
'73 JD 7700 combine w/14' cutter bar, 643 corn head
JD 7720, 4WD Titon II, 317 hrs., 220 flex cutter bar, 643 corn head
JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.
JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
JD 7700, 15' Platform 1971
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 6600, Gear Drive, 14' Cutter Bar

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

FIRECRACKER BONANZA BANG BANG

We are starting July off with a BANG!
Mowing weeds in the equipment lot and sweeping out the corners of the warehouse have left us with many bargains to offer. Take a Look!

		WAS		NOW
1	Danhuser F8 2 pt Post Hole Digger	$ 350	Bang Price——	$ 290
2	IH 2 pt. Utility Platform	$ 75	Bang Price——	$ 49
3	Brillion 8' Sprocket Packer	$ 395	Bang Price——	$ 310
4	Woods Bros 1R Corn Picker	$ 350	Bang Price——	$ 195
5	Gehl FB88 Hydro Forage Blower	$ 890	Bang Price——	$ 480
6	J&D 3 pt Log Splitter	$ 395	Bang Price——	$ 295
7	Gehl MX120 Grinder Mixer	$2985	Bang Price——	$2370
8	Gehl CB400 Harvester w/1R Head	$1895	Bang Price——	$1190
9	Hesston 1400 gal Tank Spreader	$1500	Bang Price——	$1095
10	Dion 60" Hopper Blower	$ 795	Bang Price——	$ 480
11	JD 12' Disk Harrow	$ 450	Bang Price——	$ 295
12	Brillion 12' Transport Harrow	$1350	Bang Price——	$1190
13	NH 450, 3 pt Sickle Mower	$ 695	Bang Price——	$ 495
14	Brillion LGS 10' Picker	$ 450	Bang Price——	$ 250
15	JD 3 pt Hay Rake	$ 250	Bang Price——	$ 150
16	White 543, 4R Corn Planter	$ 750	Bang Price——	$ 495
17	Kewanee 18' Wing Field Cultivator	$1950	Bang Price——	$1570
18	Pittsburgh 3 pt 8' Disk Harrow	$ 495	Bang Price——	$ 295
19	Gehl CB600 Harvester Tag #1814	$1350	Bang Price——	$ 895
20	NI 186, 6"x40' Transport Auger	$ 650	Bang Price——	$ 550
21	NH 23 Forage Blower	$ 595	Bang Price——	$ 395
22	JD 3 pt 3-16 Plow	$ 495	Bang Price——	$ 395
23	Lilliston 8' Pull Rotary Chopper	$ 895	Bang Price——	$ 650
24	Gehl CB800 w/Hay PU	$3250	Bang Price——	$2490
25	Bush Hog 3 pt 5' Rotary Chopper	$ 395	Bang Price——	$ 275
26	Uebler 790 Silage Cart	$1295	Bang Price——	$ 890
27	Hesston 10W Stack Mover	$ 690	Bang Price——	$ 495
28	NI 404, 6 Wheel Rake	$ 950	Bang Price——	$ 775
29	JD 307 Grymor 6' Rotary Chopper	$ 750	Bang Price——	$ 590
30	IH 582, 18HP Twin Riding Tractor	$2195	Bang Price——	$1695
31	IH 149 Hydro Riding Tractor	$1250	Bang Price——	$ 850
32	IH Rear Mount Tiller	$ 125	Bang Price——	$ 95
33	Starline 180 bushel Tank Spreader	$ 250	Bang Price——	$ 150
34	Woods 3 pt RM5 Rotary Chopper	$ 250	Bang Price——	$ 195
35	Gehl CB600 Harvester Tag #1618	$1295	Bang Price——	$ 895
36	Weaverline 330 Silage Cart Tag #1421	$2495	Bang Price——	$1985
37	3 pt Sickle Bar Mower (You name it)	$ 295	Bang Price——	$ 195
38	Gehl BU810 Forage Wagon w/Roof	$1390	Bang Price——	$ 950
39	Hesston 1090, 9' Windrower	$2590	Bang Price——	$1975
40	IH 403 Combine w/Cab, 3RN Head	$7900	Bang Price——	$3870

Above items are priced as is, where is basis. Delivery available at a nominal fee.

So pick up the phone and give us a call. Just say I am ready for the Bang Bang!

UMBERGER'S OF FONTANA, INC.
Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322 - 717-867-5161
"Serving The Agriculture Community Since 1932"

SEE US NOW FOR NEW TRAILERS IN STOCK AT DISCOUNTED PRICES

Eager Beaver 35GHG/BR

35 TON DETACHABLE GOOSENECK

BEAVERTAIL + RAMPS 35GHG/BR

DEMONSTRATOR CALL FOR SPECIAL PRICE

Deck Length: 20'
Deck Width: 96"
Deck Height: 26"
Tires: (8) 255/70R22.5
Capacity: 70,000 lbs. at 40 MPH
Trailer Weight: 15,600 lbs.
Overall Length: 41'1"
Overall Width: 96"

Was ~~$22,394.40~~
LEASE AT $509 mo.*

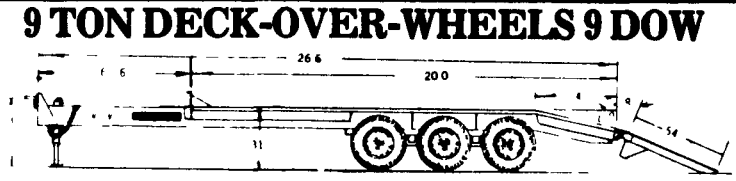
Eager Beaver 20HA

20 TON HEAVY AIR BRAKES 20 HA

Capacity: 40,000 lbs. at 50 MPH
Trailer Weight: 7,050 lbs.
Overall Length: 27'6"
Overall Width: 96"
Deck Length: 22'
Deck Width: 96"
Deck Height: 37"
Tires: (8) 8.25 R 15 (G) Radial

List...~~$12,095~~
CLEARANCE PRICE
$9,250
Plus F.E.T. $846.00
LEASE AT $210 mo.*

9 TON DECK-OVER-WHEELS 9 DOW



NEW MODEL 9 DOW

Reg. List Price, Setup...$5,500

9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control.

CLEARANCE SALE PRICE ONLY $4,350
LEASE AT $99 mo.*

Also available: B9 DOW BUDD WHEEL MODEL..... **$4,550**
LEASE AT $104 mo.*

* Subject to credit approval

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Located ½ Mile North of Rothsville
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Hours Mon -Fri 7 AM - 5 PM, Sat 7 AM - 11 30 AM
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MF 750 hydro combine
diesel w/14' platform, 6 row corn head
Special Price
Miller Lake Inc.
Belleville, PA
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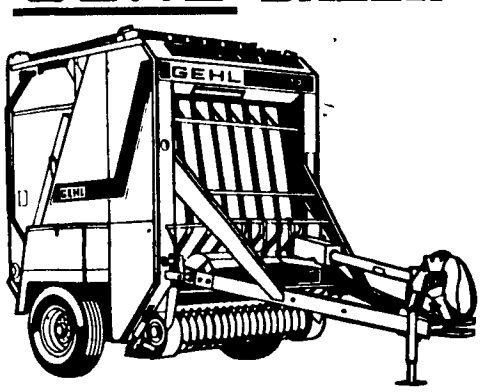
USED EQUIPMENT
(2) 1980 Case 1845 Diesel Skid Loader
Ford 515 Industrial Tractor w/Loader
DEUTZ ALLIS
Vernon E. Stup Co.
5859 Urbana Pike
Frederick, Md. 21701
301-663-3185

JD 105 Combine
15' grain head, 435 corn head, hume reel, straw spreader, recent overhaul, cab, air, always shedded, used as backup combine, used only for 10 acres in the last 3 years, very good, field ready.
215-838-9927

SEWAGE PUMP SALE
See EECO Ad
Pg. C-34

GEHL BALER



Gehl RB 1460 Baler with Hyd. Twine Wrap and Crowder Wheels
Demonstrator Price Includes 1 Year Gehl Warranty
List Price..... $12,336
DEMO. SALE PRICE..... **$6,595**
Low Rate Financing or Extra $200 Cash Discount On Above Price

GEHL
LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
PHONE: (717) 866-7518

RINGTOWN FARM EQUIPMENT

NEW EQUIPMENT

1896, ROPS
1594 w/cab
235, 2WD
245, 2WD
385, w/ROPS
370 disc, 11'6"
IH 6500 Consertill
800 Cyclo planter, 4R
900 Cyclo planter, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill, 18x7 Plain
IH 5100 Grain Drill 20x6 Plain
IH 4600 Vibra Shank
475 Disc, 17'5"

IH 181 Rotary Hoe, 15' Demo
IH 1456 w/Cab Good Tires, Runs Well
Dunham Lehr Cultimulcher 12'2" Demo. Unit

USED EQUIPMENT

IH 1256 Tractor
500 Crawler R/C
666 Farmall G, WFE
Farmall H
Farmall C
154 LoBoy w/Mower
IH 45 Baler
MF 82 Combine
Haines bulk bodies
Ford 230 Disc, 17'
Potato planter
1R Potato Digger
Holland transplanter
IH forage blower
IH 4 btm. semi-mtd. plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 455 Corn Planter
IH 400 Cyclo Planter

case IH
New Cash Deals, Low Rate Financing or Waiver of Finance

RD 1, Ringtown, PA
717-889-3184
Since 1949

SPECIALS ON NEW EQUIPMENT

Case IH 6' Scraper Blade	$ 330
Gehl 9' Mower Conditioner	$6000
Gehl 1580 Forage Blower	$3200
Gehl Big Bale Handler	$1600
Hay Tedder, 2 Reel	$1300

PRE OWNED TRACTORS & EQUIPMENT

Allis Chalmers C
Case 1594
Case 1070
Case 10T Chisel
Gehl 880 Haybine
Gehl 1580 Blower
OMC 217 Haybine
JD 5 Bot Plow
2 Row Transplanter
JD Corn Planters
IH Corn Planters
IH Disk Harrow 12'
IH 1250 Grinder Mixer
NH 675 Spreader
NI 224 Spreader
NI 404 Wheel Rake
JD 66 Blower
IH Bar Rake
NH 518 Spreader
Gehl CB600 Harvester
Gehl Row Crop 2RW
Gehl Row Crop 2RN
Gehl Hay Pickup
JD 125 Forage Box
JD 800 Windrower

A.L. HERR & BRO.
PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521

BUSH-HOG NEW IDEA GEHL Gets into your system case IH HESSTON MARTIN

USED EQUIPMENT

966 D
826 D Cab
666 D Hydro, Cab
666 D Roll Bar
544 G with/without 2250 loader
IH 560 NF fast hitch
460 G WF
Farmall Super MTA
Farmall 200, fast hitch
Farmall Super C
IH 440 4-btm. plow, 16"
IH 315 Combine, 13' cut w/hume reel
IH 227 Corn Head
JD 13' Disc
35 Oliver Combine, 12' cut
NH 36 Crop Chopper
NH Hay Crusher
IH #2A Hay Conditioner
Case #16 Drill
PTO Hydraulic Roll Mill
Woods 5' 3 Pt. Mower
Farmec 28' Hay Elevator
7' Glencoe Soil Saver

NEW EQUIPMENT

Glencoe Soil Saver, 7 Tooth, Stretch Machine
Hay Tedders
3 Pth. Grader Blades
King 5' Rotary Mower
Cam Sprayers
Cement Mixer
Cub Cadets & Access.
Cement Mixer, 3 Pt.

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Newport, Pa.
Perry County
717-567-3562 or 717-567-6566

CALL US FOR A NEW DEAL ON THE QUALITY CASE IH LINE

JULY SAVINGS COULD BE BETTER THAN EVER

TRY US WE ARE YOUR COMBINE DEALER WITH PARTS AND SERVICE TO BACK YOU

Models Available
1620, 1640, 1660, 1680

case IH

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Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM - 11:30 AM
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PARTS DEPT. MON., TUES., THURS., FRIDAY til 8 pm
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95 & 115 H.P. TRACTORS /1896 • 2096

TOP PERFORMERS - IN FURROW, FIELD OR FEEDLOT

Here are two tough and reliable tractors with the versatility to fit any farm... and with the power to be the number one tractor on a small or medium size spread, or for economical backup power on a larger operation.

High-tech engines make the difference. Engines in the 1896 and 2096 are the ideal combination of high-tech diesel and turbocharging technology. And to that computer-assisted design and manufacturing techniques, and the results are engines that set outstanding standards of reliability, durability, and fuel efficiency.

Turbocharging and aftercooling standard. It's not common to other tractors in this horsepower range, but Case International gives you this optimum operating efficiency with turbocharging, which packs more air into combustion chambers to boost fuel efficiency.

The 2096 is also aftercooled to lower the temperature of the air between the turbocharger and combustion chambers. This increases the density of the air, and that in turn increases the combustible volume in the cylinders — to boost power and speed engine warm-ups.

You get the Intelligence Center standard on both models. This exclusive electronic system monitors all vital functions, including engine and PTO RPMs, ground speed, acres covered per hour, and more.

An optional True Ground Speed Sensor gives you the percent of wheel slippage - so you can weight correctly, use the best transmission gear and get better * fuel economy.

A quiet, luxurious Silent Guardian cab shortens long days. It's a level of comfort and convenience that's uncommon in this price category. You can work in comfort no matter what the outside temperature. You sit in a deluxe, fully-adjustable seat Controls are easy to reach and use, and you get a picture window view in all directions

Compare the 1896 and 2096 with all other tractors in their power class; once you do we're confident you'll become an owner

Quick Facts:
1895: 95 PTO hp* (70kW), 6-cylinder turbocharged diesel, 359 cu. in. (5.9L) displacement Speeds: 12F/3R Category II 3-point hitch (converts to Category III and IIIN with optional hitch coupler).
2096: 115 PTO hp* (85 kW), 6-cylinder turbocharged diesel, 359 cu. in. (5.9 L) displacement. Speeds: 12F/3R. Category II 3-point hitch (converts to Category III and IIIN with optional hitch coupler).
* Manufacturer's rating

DON'T OVERLOOK THESE GOOD BUYS IN CONSTRUCTION EQUIPMENT

1975 CASE 580B LOADER w/CAB
Rear Wt., Hoe Backet, New Rear Tires
LEASE AT $222 mo.*

1976 CAT 931
w/GP Bucket, Cab
LEASE AT $639 mo.*

(2) 1981 CASE 586D FORKLIFTS
w/ROPS, 21' Mast. 1200 Hrs.
Your Choice
LEASE AT $594 mo.*

1981 CASE 850B 6-WAY DOZER
w/ROPS & Sweeps
LEASE AT $796 mo.*

A.C. PFD FORKLIFT
w/10' Mast, Diesel, ROPS, 8,000 Lbs.
LEASE AT $158 mo.*

1976 JD 350 6-WAY DOZER
w/New Pins & Bushings In The Track, New Sprockets
LEASE AT $415 mo.*

1981 JD 480C FORKLIFT
w/28' Mast, ROPS
LEASE AT $543 mo.*

1979 CASE 580C w/CAB
Extend-A-Hoe, Ex. Condition
LEASE AT $543 mo.*

(2) 1981 CASE 580D's w/CAB
(1) w/Air Cond.
Your Choice
LEASE AT $639 mo.*

1980 CASE 450B
w/ROPS 4-in-1
LEASE AT $543 mo.*

1980 JD 510 TLB w/CAB
LEASE AT $626 mo.*

1984 CASE 580 E T LB

w/ROPS, .1178 Hrs.
LEASE AT $764 mo.*

1984 CASE 580E TLB w/ROPS, 1178 Hrs.
LEASE AT $764 mo.*

1984 JD 455D
w/GP Bucket, ROPS, Canopy, Lever Steer
LEASE AT $928 mo.*

TAG-A-LONG TRAILERS

In Stock

Save A Bundle — SPECIAL OFFER — SOUTHEAST® BIG OX

SPECIFICATIONS:

Axles 2	Color . . . . . Yellow
Brake Axles 2	GVW . . . . . 12,005 Lbs.
Hitch . . . . . 2 5/16" Ball	16 Ft. Model
Deck Material . . Oil treated 2" pine	Deck Width . . . . . 76"
	Deck Height . . . . . 19"
Tires 8x14.5	
Capacity . . . . . 10,000 Lbs.	

Removable Bolts On Fenders Are Included In Price

- **TT16 Deck Length: 16 Ft. . . . . ONLY $1860**
- **TT14 Deck Length: 14 Ft. . . . . ONLY $1760**

RHINO SE SERIES ROTARY CUTTERS

- 5 Ft Model SE5, List $546 — **$550**
- 6 Ft Model SE6, Shear Bolt Protected List $929 — **$720**
- 7 Ft Model SE7, List $1,495 — **$1,196**

8 Ft. Model Also In Stock

USED CASE TRACTORS

- 1979 Case 2090, 1600 Hrs., Cab, Power Shift, UT1257 . . . . . **$12,800**
- Case 2290, Rops, Canopy, 500 Hrs., 8 Speed, UT 1267 . . **Make Offer**
- Case 1896 MFD, 1985 Model, 553 Hrs., Cab, Air, heat, 10 Wts. 18.4x38, 14.9x28 Tires
- Case 970, 1975 Model, 2700 Hrs., Power Shift, Dual Remotes **$8,850**
- Case 430 Gas, Snow Blade, 13.6x28 Tires, UT 1340 . . . . . **$2,500**
- Case 770 Diesel Tractor, 15.5x38 Tires, Standard Shift **$3,900**
- Case 1370, 1765 Hrs., 20.8x38 Firestone Radials 95%, 14Lx16.1 Front, Power Shift, Dual Remotes, 160 Plus H.P., 11 Front Wts., UT 1358 . . . . . **$10,250**
- Case 2090, Cab, Air, heat, 2255 Hrs., 10 Wts., 20.8x38 90%, Power Shift, UT 1359 . . . . . **Call For Price**

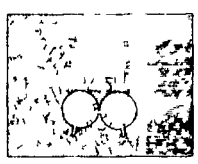
CASE 850 SUPER "D" ALL WHEEL DRIVE TLB,
w/Cab, Air Conditioning, Heat, 13,000 Hrs., Ex. Condition
$26,900
LEASE AT $863.50 Per Mo.

Used Knight 250 Bushel Single Axle MANURE SPREADER

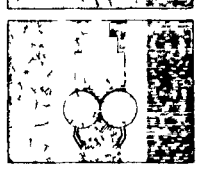
Priced to Sell - Don't Miss It!

Buy An American-Built Pull-Type Rake Tedder Combination...
2 in 1 MACHINE
SUPER "8" TEDDER/RAKE

Width to cover 9' Mower Conditioner swath.
SPECIAL ONLY **$1,590**



Spread, aerates, and fluffs for fastest drydown



Lifts, separates and fluffs damp windrows to speed drydown

Rakes loose hay into fluffy windrows

NEW 250 BU. BRUNS GRAVITY BIN, 8'x10'
SPECIAL ONLY . . **$675**

Also McCURDY MODEL 190 GRAVITY BIN, 190 Cu Ft
FOR ONLY **$580**

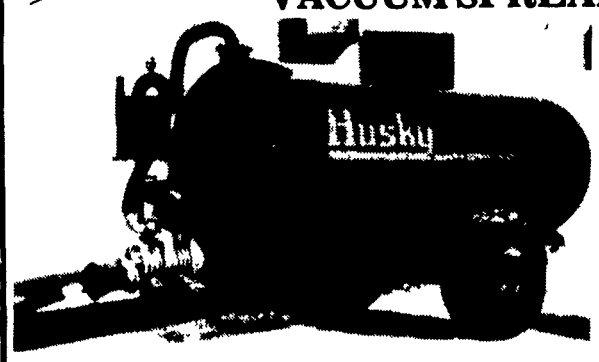
Running Gears And Side Extensions Are Optional

LOOK AT THIS! BRAND NEW MYERS 518
w/ALUMINUM SIDES
On 12 Ton Double Reach Coupling Pole, 16' Box w/3 Beater & Roof Mounted On 12 Ton Gear, 8 Lug Wheel & 12.5x16 Tires
SPECIAL $5,750

LEASE AT ONLY
$130.50 mo.*

Good Used N.H. ROUND BALER
SPECIAL $ $ CALL

NOTICE **ALL BRAND NEW HUSKY 1500 GAL. VACUUM SPREADER**



Features 5 Year Unconditional Axle Warranty
Now In Stock
List Price $8,895

DISCOUNT TOW-AWAY PRICE ONLY $5,575
LEASE AT **$127 mo.***

Also **2400 GAL. TANDEM AXLE w/PNI0600 Pump $9,975**
LEASE AT **$227 mo.***

* Subject to credit approval.

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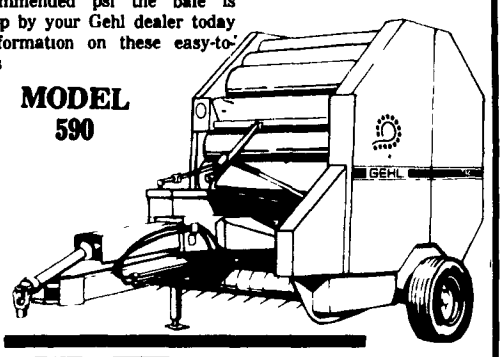
GEHL® QUALITY-BUILT MACHINERY At The RIGHT PRICE

SIMPLE DESIGN...EASY OPERATION

If you're looking for extra-easy operation, the Gehl Models 1310 and 1710 fixed chamber round balers can't be beat. No other balers are as easy to operate. The pickup feeds material directly into the baling chamber, so these balers easily handle all crops and conditions. Incoming material gently tumbles inside the chamber, gradually forming the bale. The operator simply keeps an eye on the pressure gauge, when it reaches the factory recommended psi the bale is complete. Stop by your Gehl dealer today for more information on these easy-to-operate balers from Gehl.

MODEL 590



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New Owattona In Stock . . Only **$7800**

LEASE AT **$178** mo.*

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New Diesel Powered 33 H.P.

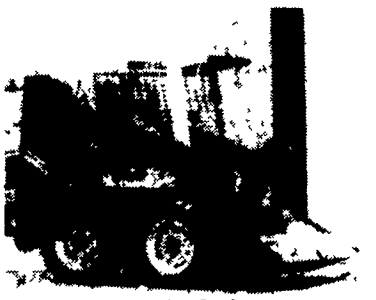
GEHL 3610 SKID LOADER

Discounted To Go! 54" Bucket, Self-Leveling Loader, Tilt ROPS For Easy Service, Lights

List Price ~~$14,964~~

SPECIAL ONLY **$10,400**

GEHL 3410 23 H.P. DIESEL



Designed For Performance

The SAE Lift Is Rated At 900 Lbs., And Has A Travel Speed Of UP To 7 MPH. Bucket Roll-back Is 32° And Maximum Dump Angle Is 35° For Greater Load Capacity And Cleaner Dumping. In Stock

SPECIAL ~~$8,963~~

LEASE AT **$204** mo.*

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High Performance Gravity Flow FERTILIZER BOXES

at Discount Prices

McCurdy Fertilizer Box features:

- Durable and dependable
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- Quality wheel operated door

SIZES IN STOCK

- 190 BIN
- 230 BIN
- 275 BIN
- 375 BIN

Options Available:

- 12", 15", 20" Sides
- Ladder
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- Before You Buy, Check With Us
- Most Sizes In Stock For Quick Service & Availability
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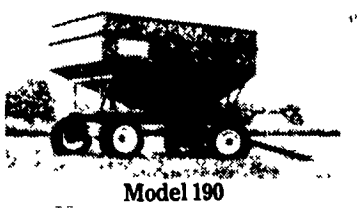
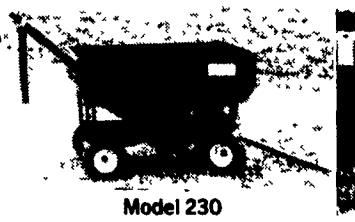
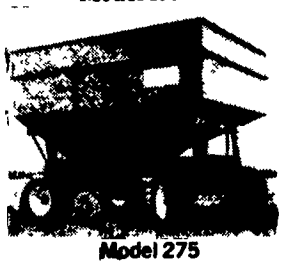


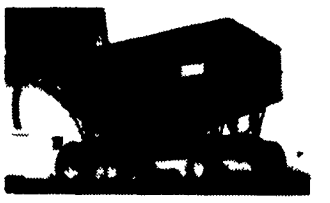
Model 190



Model 230



Model 275



Model 375
Double Door Side Dump

Grain boxes help make your material handling chores easier with convenient transport and fast unloading of grain or other free-flowing materials.

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HEAVY DUTY GRAIN CARTS

In Stock Now At
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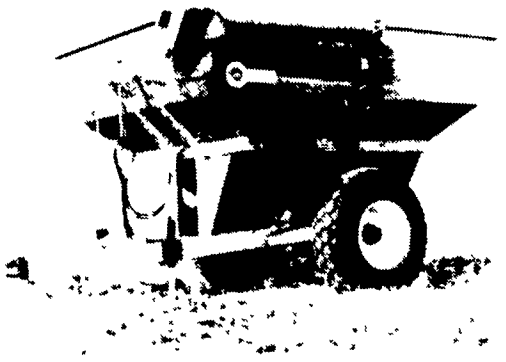
Capacities: Choose the 475 bushel GC4900 or the 600 bushel GC 6400

Compare These Features:



In Stock: MODEL GC 4900
475 Bu. w/18.4x26 10 Ply Tires

List Price Over ~~$7,750~~

DISCOUNT

SALE PRICE ONLY **$5,695**

UNVERFERTH-McCURDY

Implements For EFFICIENT FARMING

- Gravity Bins w/Fertilizer Auger Attachment And Truck Auger Attachment
- Single And Tandem Axle Running Gears
- Dual Wheels And Hardware
- Combine Header Transports
- Rolling Harrow
- Harogator® Attachments
- Soil Conditioner

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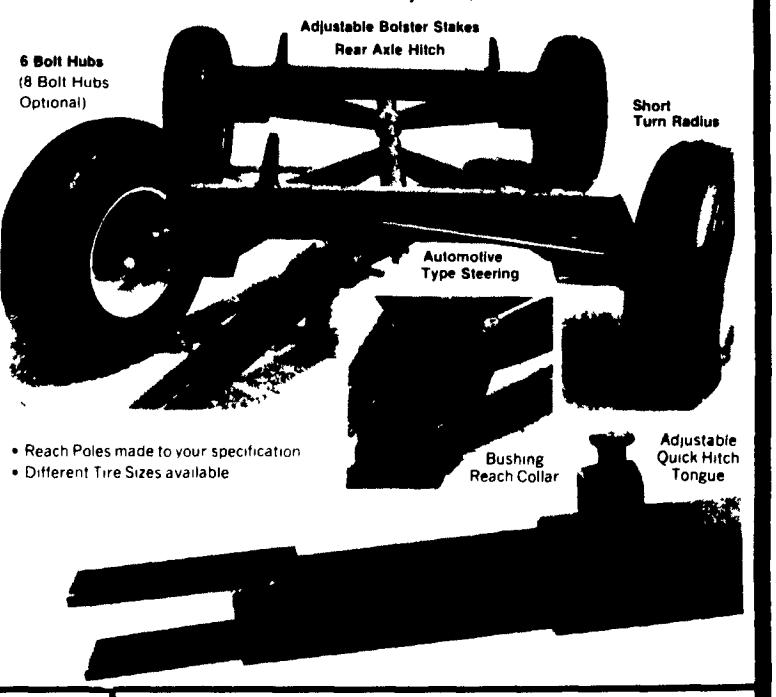
Prices Are Right -

Example:
10 Ton w/6 Lug Wheels, Ext. Tongue w/New 11Lx15 Tires/ Tubes

Complete $725

Field tested since 1965
Over 5000 in daily farm use

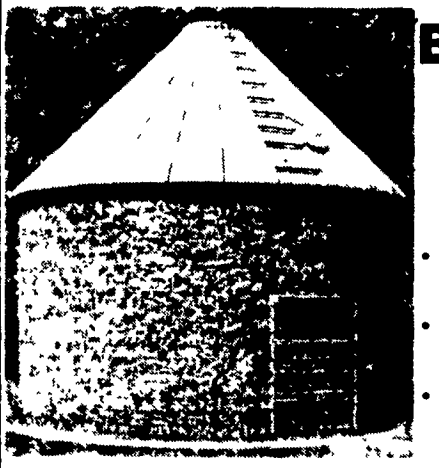


"DAYTON" Totally Enclosed Fan Cooled Farm Duty Electric Motor

	List	SALE
½ HP	$104.05	$79.95
¾ HP	$127.66	$94.25
1 HP	$139.48	$102.45
1½ HP	$172.57	$133.95
2 HP	$234.59	$164.98
3 HP	$318.06	$194.95
5 HP	$432.45	$261.95
7 HP		$359.95

DAILY UPS SHIPPING

TIME TO THINK ABOUT YOUR CORN CRIB NEEDS PRE-ORDER NOW AND SAVE



BEHLEN CORN CRIBS

- Model FXL-15 865 Bushel plus extra capacity in roof area
- Model-EL - 101085 bushels plus extra capacity in roof area
- Model-EXL-15 1515 bushels plus extra capacity in roof area

Did You Know Behlen Corn Cribs are No. 4 gauge, which is heavier than most other brands and helps to prevent bulging of sides.

FOR SALE
JD manure spreader, model 54.
Forage box, Artsway Dion w/NH running gear.
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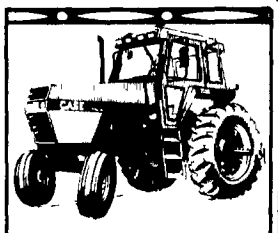

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Case-IH:
235 hydro. 4x4
235 gear 4x4
(2) 245 4x4
(2) 255 4x4
275 2WD
275 4x4
385 w/2200 Ldr.
(2) 385

NEW EQUIPMENT
Case-IH 3204 Rotary Disc Mower
Case-IH 1300 Mower
Case-IH 86 Rake
(2) Woods RM600 Rotary Mowers
Woods Dixie Cutter
Woods 750 Backhoe

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Reading 12' stake body
Woods 5' Rotary 3PT
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Triumph hydro clipper, 3500 Series
Mott Interstater, 88 rear, 74 side

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Thorndale, PA
Phone 215-269-2676

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Used JD 4450 w/MFWD

TRACTORS

IH 1066	$ 8,900
JD M w/Loader	$ 1,900
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JD 8640 w/Folding JD 335 Disk	
JD 4630 w/duals, PS, engine overhauled	$17,000
IH 350 w/Loader, NF	$ 1,500
Ford 3000, reconditioned	$ 4,500
MF 1105 w/Cab	$12,500
MF 165 Dsl.	$ 4,900
AC D14	$ 2,500
Long 450 Dsl.	$ 4,500
JD 90 Skid Loader	$ 4,000
Oliver 1855	$ 5,500
Oliver 1650	$ 3,900
IH 656	$ 5,500
Ford 8N	$ 2,900
Ford 9N w/Rotary Cutter	$ 2,200
Ferguson 20 w/Woods Belly Mower	$ 3,200

COMBINES

JD 6620 Side Hill w/643 C.H. & 215 Flex, Reconditioned	$53,000
IH 205 Combine w/Heads	$ 4,500
MF 300 Combine w/Heads	$ 4,900
JD 6620 Side Hill	$37,000
JD 444 Corn Head	$ 4,500
JD 443 Corn Head	$ 5,500
JD 215 Flex Head	$ 4,500
JD 215 Rigid Head	$ 3,500

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JD 4RN Max Emerge	$4,900
JD 7000, 4RW	$ 4,200
(4) JD 6R Consv. Liquid .... Starting at	$ 7,500

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IH 370 12' Disk	$ 1,800

Assortment of JD & Ford 2-3 Bottom Plows

HAY & HARVESTING

JD 14T Baler	$ 1,200
Gehl 1500 Round Baler	$ 3,500
JD 894 Rake	$ 500
JD 894 Rake	$ 700
IH 720 Harvester w/2 Heads	$ 3,500
NI 218 Spreader	$ 1,900
JD 40 Spreader	$ 1,600
NI 200 Bushel Manure Spreader	$ 1,500
NH 130 Bu. Manure Spreader	Coming In

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There's More Selection: 5 to 5,000 hp with specific concentration from 10 to 50 hp

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Used Engines Available In 10-30 hp Range

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SELF PROPELLED & PULL TYPE HAYBINES

Stock #	
UB0034	NH 495 12' Haybine w/Lat Transport
UB0114	NH 479 Haybine
UB0134	NH 479 Haybine
	NH 495 Haybine - Nice
UB0090	NH 1495 (Gas) Planetary Dr w/Partial Cab

BALERS

UB0131	NH 320 Baler w/#70 Thrower
	MF No 12 Baler w/Thrower
	NH 278 Baler w/Thrower
	NH 275 Baler w/Thrower
	NI 404 Wheel Rake
	NH 1037 Bale Wagon, Used 2 Seasons

UNI EQUIPMENT

	705 Uni Tractor w/Wgts
UA0055	766 Hay Pickup
UA0056	763 3 Row Chopper Head
UA0012	760 Uni Harvester
	766 Uni Hay Pickup
	2- 762 2 Row Chopper Head (38")
UB0041	741 Feeder House (As Is)

PULL TYPE HARVESTER & HEADS

UA0040	NH 880 R-2 2 Row Corn Head (38")
UA0064	NH 717W Hay Pickup Head
UB0135A	JD 2 Row Corn Head (30")
UB0135D	JD Hay Pickup Head
UB0135C	JD 1 Row Corn Head
UA0030	NH 741 1 Row Corn Head
	NH S717 Forage Harvester w/1 Row Cornhead
	JD 38 Forage Harvester
	JD 2-Row Wide Cornhead

MISC.

UC0039	NI 213 Manure Spreader w/Hyd Endgate
	NI 214 Spreader w/Hyd Endgate
UB0106	M&W 12' Field Cultivator
	Int 550 Manure Spreader w/End Gate
	Scavenger II Model S1666 Spreader, Nice!
	NH 329 Manure Spreader w/Hyd Endgate
	Gehl FB88 Forage Blower
	NH L35 Skid Steer Loader
	NH L 778 Skid Loader, Diesel

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★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

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Kubota L-2000, Completely Reconditioned

MOWER CONDITIONERS

(2) Hesston 1014 Windrowers
Hesston PT-10
Case 555
Vicon KM 240, Rotary Disk Cut
Vicon KM 321, Rotary
(2) Gehl 1080, Rotary Disk Cut
OMC 232 Swing Tongue

FORAGE

Gehl 80 w/1 Row Head
Genl CB 400 Forage Harvester
Gehl CB 600 Forage Harvester
Gehl 610 Forage Wagon
MF 260 Forage Harvester
IH 550 w/2 Row Head And Pickup

BALERS

Vicon 1210 Fixed Chamber Round Baler
Gehl 1500 Round Baler

SKID LOADERS

Case 1845B Skid Loader Ex. Cond., 1984 Model
Gehl 2600
Gehl 4500
Gehl 4600
Mighty Mac Skid Loader
(3) Case 1830 Skid Loaders
Case 1845

BACKHOES & UTILITY

Case 580B Loader/Backhoe-Ex. Shape
Case 480 Loader/Backhoe-Ex. Cond.
IH 2500B Loader/Backhoe
JD 310 Loader/Backhoe w/ (SOLD)

LAWN & GARDEN

Case 220 w/38" Mower And Snow Blower
Ford 10 HP Rider Mower w/Snowblower And 1-Bot Plow
Sears 16 Horsepower
Craftsman 16 Hp.—Ex Cond
Dynamark 1066
Ariens 10 Horsepower
Case 442

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USED JOHN DEERE
JD 5440 SP Forage Harvester w/New Dura Drum Cutter Head
JD 2550
JD 2640
JD 2520 G
JD 60 Tractor w/Loader
JD 6RN 7000 Planter w/Dry Fert. & No-Till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 24T Baler
JD Transport Disc
JD 66 Blower
JD 3B 125 Plow
JD FBB 13x7 Drill
JD Fert. Fill Auger For JD 6RN 7000 Planter

USED NEW HOLLAND
NH 2R Snapper Head for Fg. Harv.
NH 23 & 26 Blower

USED NEW HOLLAND
NH 329 & 518 Spreaders
NH 890 w/3RN & Pickup
NH 880 w/2RN
NH 489 Haybine

OTHER NEW ITEMS
New Top Air 500 gal. Sprayer
New Martin Spreaders: S1690, S1665

OTHER USED ITEMS
Case 1845 Dsl. Skid Loader
Ford 4B Reset Plow
Ford 3B Trip Back Plow
NI 208, 213 & 214 Manure Spreaders
(2) IH 440 Baler w/Thrower
Field Sprayers: Century 200 gal
Hesston 1014 & 1090 Mower Conditioners
Lilliston No-till Drill
IH 831 Forage Harvester

NEW JOHN DEERE EQUIP.
Tractors:
4250 SG, PS
2550
2555 w/MFWD
2755
Compact Utility Tractors: 650, 655, 750, 755, 850, 855, 1050
Combine: 4425 w/Heads
Balers: 327
Spreader: 780
Forage Wagon: 716A

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Balers: 853
Haybines: 411
Forage Harvester: 790 & 900
Spreaders: 304, 308, 514, 520, 680
Skid Loader: 455

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USED EQUIPMENT

JD 54 Spreader w/Top Beater, good cond.
Case 1570 Tractor, very good condition Priced below Dealer's Cost
MF 410 Combine w/4 RW Head
Case Combine w/10' Grain Head
Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
JD 38 Harvester, Good Cond., Need Knives, $900
JD 3RN Corn Head
JD 3 RW Corn Head
JD 7000, 4R Planter w/Frame Mtd. Coulters, In Season Discount
JD 7000 6R Planter w/Liq. Fert., Fully Loader, 3 Yrs. Old
JD 6R No-Till Attachment For JD 7000 Planter, Dealer Cost
JD 494A Planter, $300
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $2,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $2,000
JD 3B Hydraulic Reset Plow
JD 5½' Hay Pickup
JD 24T Baler w/#2 Ejector
JD 336 Baler w/#30 Ejector, good condition
JD 716A Wagon w/Roof & 3rd beater, rear unload w/tandem running gears
JD 216 Wagon w/10T Running Gear
JD 520 Sprayer

Ask about finance program on new & used equipment.

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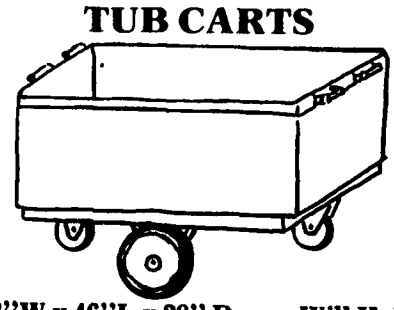

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Ford 1510 2WD
Ford 1210
Ford 1710 PS
Ford 1310 w/mower
Ford 1110

USED TRACTORS

Ford 9000 Cab, Duals
Ford 6610 DP
Ford 5000 D PS
Ford 3550 w/Loader
Ford 555 LBH
Ford 515 w/loader
Ford 4000 D PS
Ford 3600 D PS
Ford 3000 8 speed
Ford 2310 w/loader
Ford 1300 2WD
Ford 801 PS
JD 3010 DNFE
JD 2010 GNFE
IH 504 3 pt
IH Cub w/Equip
MF 175 D 8 speed
MF 150 G P Steering
Ford 5600 4WD, Loader
Ford 535 LBH
Ford 420 w/loader
Ford 3400 w/loader
Ford 2810 600 hrs
Ford 2110 500 hrs
IH Super M
AC D15 3 pt
MM 445 WFE

USED EQUIPMENT

Ford 6x16 Plow
Ford 532 Baler
JD 336 Baler
JD 24T Baler
NI 299 Haybine
JD 35 Chopper
JD 1207 Haybine
JD 3300 Combine
IH 10' Offset Disc

USED COMBINES

7.5 for 48 months or 11-1-87 waiver.

MF 7 SOLD
MF 760
MF 750
MF SOLD
MF 510
MF 510
WT 8800
NH 1400
NH 975

Various Size Grain Bean & Corn Heads Available

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IH 982 Cub Cadet w/Mo SOLD
Case 1070 w/air, cab
MF 12 baler w/thrower
Field Queen 1412 Sp. For Har.
MF Forage Wagon
JD 712 disc chisel
JD 38 chopper w/pickup and 2 row
JD 216 forage wagon w/gear
JD 12' double plow disc
White 8 Row Fold
1955 Dodge PU Truck

NEW EQUIP.

MF Compact Tractors
MF 820 Disc Harrow
Taylorway 20' disc harrow, special price
MF 424 Grian Drill
MF 850 Combine
MF 724 Manure Spreader
Dixon Lawn Mowers

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USED EQUIPMENT

USED PLOWS & CHISEL PLOWS

- IH 540 Plow, 4 Bottom, 16", Semi-Mount, Shifting Hitch (T1851)
- IH 311 Plow, 3 Bottom, 14", 2 Pt. Hitch (T9872)
- MF 82 6F-16" Plow (T1025)
- JD 2500 6 Bottom 18" Hyd. Reset (T2198)
- IH 5500 3 Pt. Chisel, 11 Shank (T2483)
- JD 5F-16", Auto. Reset, Semi-Mount (T2526)

USED DISC HARROWS

- Athens 131 Tandem, 14', 9½" Spacing, Cylinder, Blades Good, Excellent Condition (T1556)
- Deere 111 Tandem, 10' Excellent Finishing Disc (T1602)
- IH 470 Folding Tandem, 18', Manual Fold, Cylinder, 2-Bar Midwest Mulcher (T1699)
- IH 501 Cutting Tandem, 13', 10½" Spacing, This Is A Heavy-Duty Disc (T1824)
- Deere 330 Folding Tandem, 20', Cutting, An Inexpensive Heavy-Duty Disc (T1950)
- Miller Folding Offset, 20' Single-Wing, Spacing - 9½" Front & 10½ Rear, Dual Wheels, Heavy-Duty (T2044)
- Bush Hog Tandem, 10' Heavy-Duty (T9109)
- Sunflower, GR-29 Flex-Wing Tandem, Heavy-Duty, Double-Offset, 9" Spacing (T9415)
- Bush Hog 12' Tandem, 9" Spacing, Good Inexpensive Disc (T9847)
- MF 52 12' Disc, 16" Front, 17" Rear (T2365)
- IH 490, 24' Tandem, 9" Spacing, 18½" Front & 19" Rear Blades (T2469)
- Krause 2416 Cutting Disc, 26' Tandem, 19½" Front & 20" Rear Blades (T2380)
- Oliver 16' Disc, Manual Fold Wings - Buy for Center Section @ 12' CHEAP (T2337)
- Rhino 131 Disc, 13' Cut, 9½" Spacing, 23" Front, 24" Rear Blades (T2238)
- Athens 83 10' Disc, Size 19" Frt., 21" RR, Cyl. & Hoses (T1604)
- Deere 310 Disc, 12', 11" Spacing, Dual Tires, 22½" Front, 22" Rear Baldes (T2352)
- Bush Hog 21' Disc, Tandem (T2393)
- IH 470, 18' Tandem, Flex-Wing, 18" Front & 20" Rear Blades (T2516)
- Oliver 292 10' Disc (T2590)

USED TILLAGE

- Midwest Mulchers (T1516)
- Deere, Roller Harrow, 12', Excellent Condition (T1712)
- Krause 4133 Field Cultivator (T2290)
- Brillion 23' Harrow, 56 Tooth, Flex-Wing (T2534)
- Krause 3113 Landsman, 19 Shank, 16½" Blades, Walking Tandem (T2517)

USED CULTIPACKERS

- Shepherd, 9' Cultipacker, Cheap Finishing For The Small Farm (T9521)

USED SPRAYERS

- FMC 1-Way Head For 1229 Air-Blast Sprayer (V1078)
- Meyer's 3 Pt. Air Blast Sprayer (V2624)

MISCELLANEOUS USED

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- IH Row Crop Head, 2 Row, Fits 830 or 881 Forage Harvester (U9501)
- IH 56 Blower, The Blower That Takes Less Power (U2026)
- IH 56 Blower (U2592)
- NH 1010 Auto. Bale Wagon (U2620)

USED PLANTERS & DRILLS

- IH McCormick 13x7 Drill, Grass Seed (V1555)
- Great Plains 14' Trailing Drill, Acre Meter, Double-Disc Openers, Depth Gauge Wheels, Heavy-Duty Seeder For Large Acreage, Traded On A Larger Drill (V1726)
- IH 800 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Insecticide, No Fertilizer, Excellent Used Planter (V2050)
- IH 10 Drill, 16x7, Needs Work (V6975)
- IH 400 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Dry Fertilizer, Insecticide, Monitor (V7666)
- IH 510 Drill, 21x7, Single-Disc, Fertilizer, Clean Drill (V8881)
- IH 2-Drill Hitch For 620 Press Wheel Drills, Endwise Transport Hitch (V9301)
- IH 620 Press Wheel Drill, 24x7 Plain, Good Condition, Weathered But Hardly Used (V9303)
- AC 600 No-Til Planter, 6 Row 30" Spacing, Dry Fertilizer, Monitor, Gandy Insecticide, There Are Many Good Years Left In This Planter (V9376)
- IH 400 Cyclo Planter, 6 Row, 30" Spacing, Good Planter For Parts (V9430)
- Deere Drill 15x7, Grass Seed, Acremeter, Nice Drill For The Small Farm (V9853)
- Deere 7000 6 Row Planter w/Monitor, 30" Spacing, Dry Fert., Insecticide (V2455)
- IH 5100 21x7 Drill, Soybean Special (T2361)
- JD 8300 Drill, 24x6, Grass Seed (V2386)

USED TRACTORS

- Versatile 160 4 WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)
- IH 3588 2+2, Rear Duals, TA, AC, 540-1000 PTO (W2244)
- IH 5488 AWD, 347 Hrs., AC, 18.4x42 Rear, 16.9x28 Front Tires - 85%, 1000 PTO (W2309)
- IH 1566 w/Cab, AC, 20.8x38 Duals, TA (W2254)
- IH 1206 w/Cab, AC, TA, 23.1x34 Tires, 540-1000 PTO (W1670)
- IH 886 w/Gear, Cab, AC, TA, 18.4x34 Tires - 85%, 540-1000 PTO (W2391)
- IH 4386 All Wheel Drive, Gear, AC, 18.4x38 Tires, 1990 Hrs. (W2468)
- IH 1466, Gear, TA, Cab, 1000 PTO, 23.1x34 Tires, 1912 Hrs (W2518)
- IH F200, Gas, Tricycle Front (W2521)
- IH 560 Diesel, Gear, TA, 1750 Hrs., 540 PTO (W2602)
- Case 1845 Uniloader, Hydro, ROPS (W2572)
- IH 856, Cab, AC, 540-1000 PTO (W2289)
- IH 3588 2+2, 18.4x38 Tires, TA 540-1000 PTO (W2481)
- IH 1066, 20.8x38 Tires, 540-1000 PTO, TA (W1715)
- Farmall A, 540 PTO, 11.2x24 Tires (W2640)
- IH 230 w/7' Sickle Bar Mower, Gas, 540 PTO (W2653)
- Ford 601 w/6' Snow Blade, Gas, 540 PTO, 3 Pt. Hitch (W2669)

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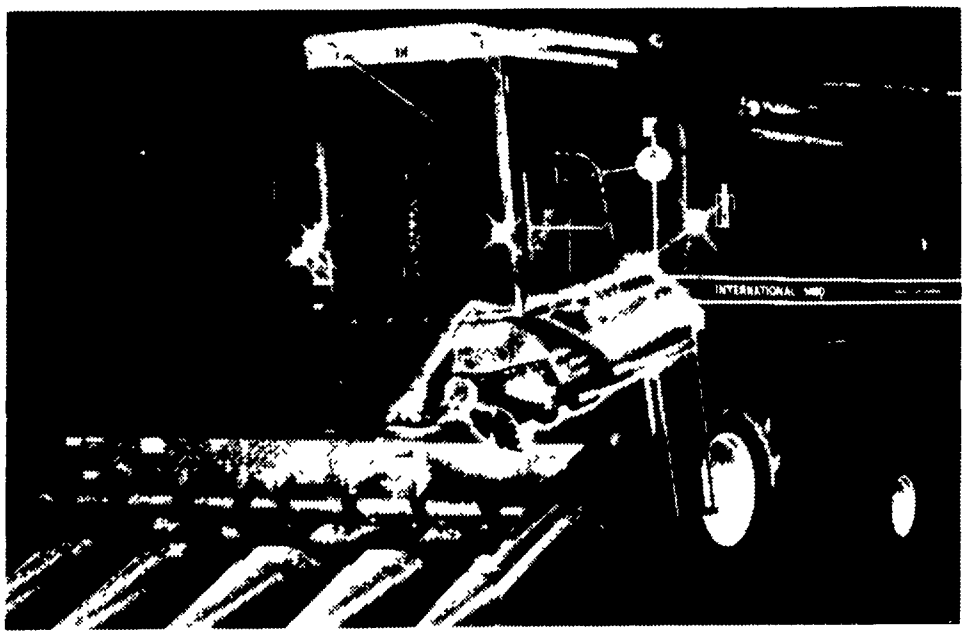

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1st LAW Of Hoober Reconditioned Axial-Flow Combines

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Because of the simple design of the CASE IH Axial Flow Combines, they can be reconditioned by Hoober's expert combine mechanics to like new condition, so they will provide 2nd and 3rd owners years of satisfactory and profitable operation.

2nd LAW Of Hoober Reconditioned Axial-Flow Combines

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3rd Law Of Hoober Reconditioned Axial-Flow Combines

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TWO LOC

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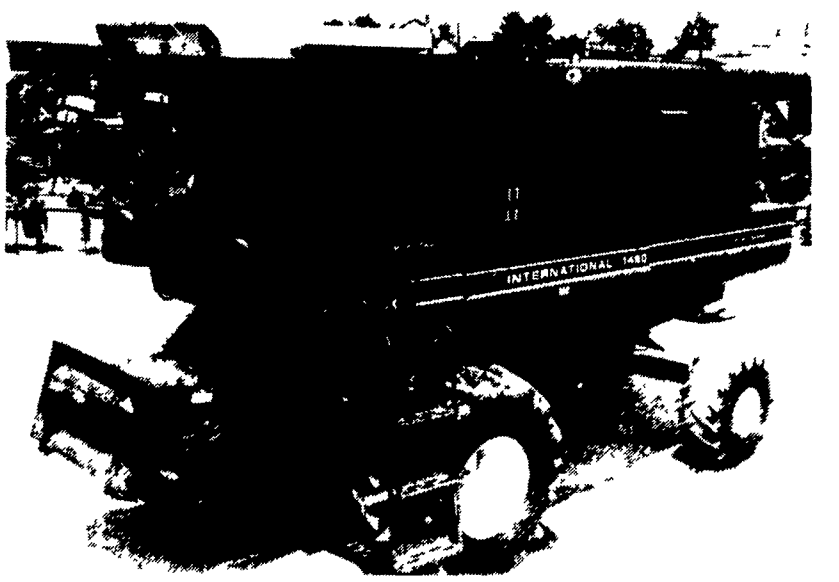
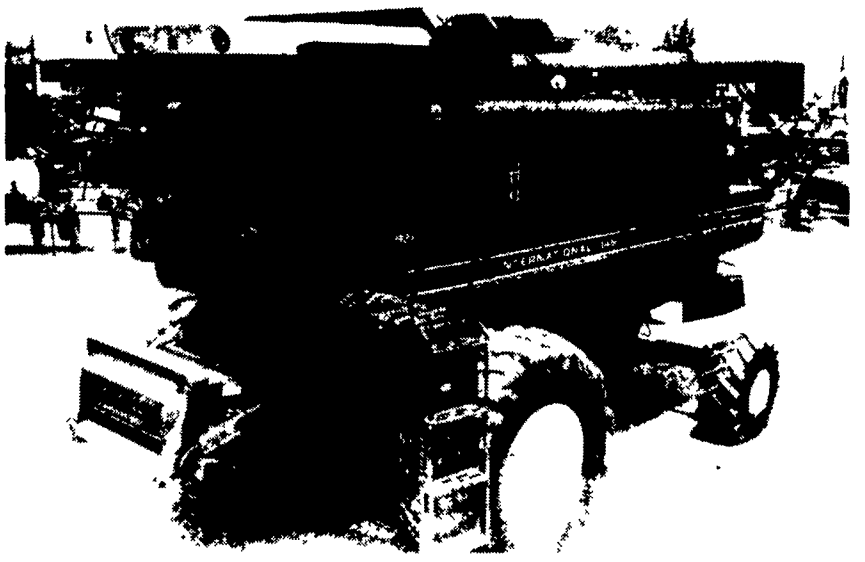
w The 3 Laws Of Hoober
ched Axial-Flow Combines
ST NEED TO TRY ONE!

When You Need A New Combine, Look At One Of Hoober's Reconditioned Axial-Flow Combines:

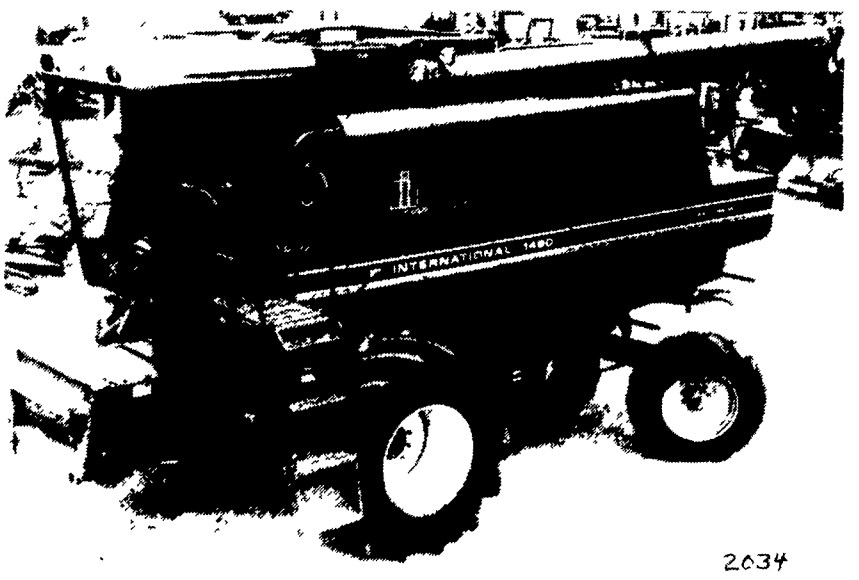
IH 1460, 1986 1550 Hours, Diesel, Hydro, 24.5x32 & 18.4x16.1 Tires, A/C, Electro-Hydraulic Auto Header Control (U2246)



IH 1460 Diesel, Hydro, 28Lx26 & 18.4x16.1 Tires, Grain Loss Monitor (U2252)



IH 1480 Combine, 1983, 1195 Hours, Diesel, Hydro, 30.5x32 & 18.4x16.1 Tires, A/C, Grain Loss Monitor, Electro-Hydraulic Auto Header Control (U2133)



2034

IH 1480 Axial Flow w/Mudhog AWD, 14.9x24, 67.00x34.00-30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)

BUY YOUR NEXT COMBINE FROM THE COMBINE DEALER

OTHER GOOD USED COMBINES

- IH 815 Hydro Combine, Diesel (U1844)
- MF 850 Diesel Hydro, 1163 Cornhead, 15' Platform (U2249)
- John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)
- JD 6620 Sidehill, 28Lx26 Tires, Hydro, Diesel, Grain Loss Monitor, 2446 Hours, 1983 (U2255)
- Used Bean Harvester, Chisolm- Ryder, IH 504 Tractor
- IH 1480 Hydro, 1192 Hrs., 30.5Lx32 Tires, DJ Monitor (U2133)
- IH 1460 Hydro, 28Lx26 Tires, DJ Monitor (U2252)
- IH 815 Diesel, Hydro, 23.1x26 Tires (U1362)
- IH 1460 Hydro, 24.5x32 Tires, 1550 Hrs. (U2246)
- IH 715 Diesel, Gears, 2243 Hrs., 23.1x26 Tires (U1849)
- IH 715 Diesel, Hydro, 1976, 23.1x26 Tires, 1224 Hrs., A/C (U2113)
- MF 510 Diesel, Gear, A/C, Grainsaver, 18.4x26 Tires (U1995)
- IH 715D Hydro, 18.4x26, Monitor (U7818)
- IH 715 Diesel, Hydro, 1976, 1100 Hrs., 23.1x26 Tires (U1961)
- John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)
- Gleaner G, Gear, Cab, Diesel w/4 Row Cornhead, 13' Platform (U1369)
- MF 510 Diesel, Gear. 18.4x26 Tires, AC (U1992)
- JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)
- IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)

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Ford 3000 Tractor w/Front Blade
IHC 856 Tractor
Case 770 Tractor
Cub 184 Loboy
JD 1240 Corn Planter
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons. Planter w/Liq. Fert.
JD 7000, 6R Cons. Planter
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 1217 Mower Conditioner
JD 1209 Mower Conditioner
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
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Int. 806
Int. 560
JD 300 Industrial w/Loader

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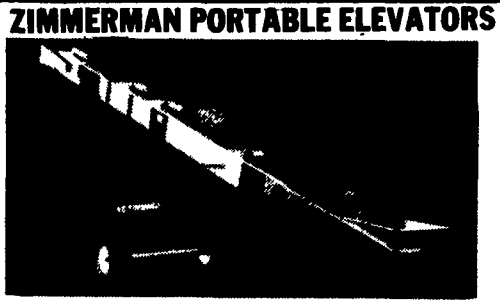

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JD 2940, 4WD
JD 1020 w/JD Loader
JD 2520 Dsl.
JD 4010 Dsl. w/ROPS
JD 4020 Dsl. w/ROPS
JD 420, 5 SP, Live PTO
Ford 7700 w/cab
Ford 8700
Ford 8600 w/Cab
Ford 5000 Gas, 8 Sp.
Ford 5000 Dsl.
Ford 4000 Gas, 8 sp.
Ford 3000 G, P. Steering
Ford 960, WF, P. Steering
Ford 861 G, P. Steering w/Ldr.
Ford 601 G, P. Steering
Ford 601 Dsl., P. Steering
Ford 3600 Dsl. w/Loader
Farmall 140, very nice
Oliver S-55 G w/Ldr.
David Brown 990 w/Hyd. Ldr.

USED TILLAGE

IH 10' Disk
Ford 151-516 Plow
Oliver 416 Auto Reset
Oliver 516 Spring Trip
Oliver 516 Auto Reset
Case 20' Wing Disk
Ford 12' Disk

MISCELLANEOUS

NI 213 Spreader w/Gate
NI 214 Spreader w/Gate
18.4x34 Snap On Duals
Ford 777F Front End Ldr.
Ford 772 Front End Ldr.
NH 770 PU Head

USED HAY EQUIPMENT

JD 410 Rd. Baler
NH 315 w/Thrower
NH 320 Baler w/Thrower
JD 640 Rake
NH 56 Rake
NH 55 Rake
NH 258
MF 925 Haybine
NH 489 Haybine
NH 488 Haybine
NH 479 Haybine
NH 477 Haybine

USED FORAGE EQUIPMENT

NH 718 w/Both Heads
Gehl CB600
JD 3800 w/Both Heads
JD 3940 w/Both Heads
NH 27 Blower
NH 707, 3 pt. w/Both Heads
Gehl FB88 Blower
Gehl 710 Wagon, excel.
Gehl 910 3 Beater Wagon
NH #8, 3 Beater w/Roof

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JD 318 Hydro w/48" Deck
NH S-12 Hydro w/48" Deck
Ford LTG100 w/42" Deck
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COMBINES

JD 6600 Side Hill, dsl., hydro, cab, AC, 2,000 hrs., excellent
MF 760 hydro, cab, AC, 24 5x32 tires, good, 1163 CH, 15' platform, $25,000
MF 750 hydro, cab, AC, nice, 1163 CH, 15' platform, $27,000
MF 510, cab, dsl platform, $6,900
AC model K, cab, platform, 3 row head, $6,500
(2) JD 215 flex platforms, good $5,000-$6,000
JD 213 flex platform, good, $6,000
JD 444 corn head, good, $3,000
(2) MF 44 corn heads, good, $2,800 ea.
NI 710 Uni combine w/10' platform, $2,500

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RAKES: NI Roller Bar & Wheel; NH 258, 256, 56; IHC & Gehl 3 pt. & wheels; Large selection of mowers, 3 pt., trailer or mounted.
BALERS WITH THROWERS: NH 273 & 310; JD 24T, 346; Hesston #10 Stack hand.
FORAGE HARVESTERS: Used IHC Chuck Wg. 3-btr. w/roof, very good; Hesston 7020, 2000-100, 2000-150; NH Super 717; Gehl 750; JD 16A Flail; NH 33, 36 & 38 Flail; Brady 722, Flail, like new; large selection for pick up heads, call for your needs.
TEDDERS: Grimm PTO & ground drive; New & Used Fahr & Kuhn Centipede.
New Wood & Steel Side Bale Racks.

USED TRACTORS

AC: 7000 w/cab; 6140 4WD; 6080- 2 & 4WD; 6060- 2 & 4WD; 5050 w/loader; 7045 w/cab, air & powershift; 200 w/cab; 190XT; 190XT Series III; 175; 170 G w/loader; 5050 4WD & loader; 5040; D17's; WD wide front.
IHC: 574D; 424G; 340G; 656 w/loader; 674 w/loader; 684 w/2250 Ldr.; Super A; cubs; Farmall 300G.
FORD: 7700 4WD w/cab; 1300 4WD w/belly mower; 3910 Turf; 3000 w/loader; 3000 D; 6600; 4000; 3600; 800; 600; 8N, one w/forklift.
KUBOTA: 7100 HST w/belly mower; 345 w/front end loader; L235 4WD.
MF: 165D; 175; 65 w/loader; 35G; 30 Ind. w/front end loader.
BELARUS: 420A- 4WD- low hours.
JD: 3020, 2520 WF gas, very good; 2510 w/loader; 3010 w/loader, 70; 2640 w/145 loader; 2240 w/143 loader.
DAVID BROWN: 990.
WHITE: 2-60-4WD.

INDUSTRIAL

JD 9300 Backhoe for crawler mounting; Small Davis backhoe for skid steer or 3 pt. mounting; Farmi 3 pt. winch; Asplundh brush chipper.
SKID STEER LOADERS: Kubota diesel NH 455 w/low hours; NH L445 diesel; Bobcat 611 Deutz Diesel.
TRACTOR LOADER BACKHOES: Ford 550 & 555; AC 715 TLB; Case 580B; JD 310A & 410.
AC 655 crawler loader (1 yd.)
AC 640 articulated payloader 3/4 yd.
AC 840 1-½ yd. articulated payloader
Cat 955 crawler loader- needs repair.
AC-HD4 Track Ldr.
AC H 3 crawler w/blade.
IN STOCK: New 22' Forklift, 15' TLB; 1.7 yd. articulated payloader; Tag-a-Trailers 4, 5, 9, 18 & 20 ton.
Raygo 2 ton vibratory roller.

MISCELLANEOUS

NEW: Bush Hog & Woods 20' Bat Wing mower in stock.
USED: 21' Batwing Mower 3PT Tree Planter; Danuser 3PT post hole digger w/hyd. drive; Heavy duty 3PTH rotary mower; JD 42 Pull Type Combine w/Bin; Mechanical 1R Trailer Transplanter; Ford 3 pt. post hole digger; Myers 500 gal. PTO trailer sprayer; NH 48' hay & grain elevator; Howard heavy duty 5 & 6 ft. 3 pt. rototillers; 3 pt. hitch Mott Hammer knife mower; 20 misc. hydr. front end loaders for various models and make tractors - call for your needs; McKee corn hog; Badger 12', 16' & 18' silo unloaders; 3 Pt. post pounder.

MANURE EQUIPMENT

NEW
Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery.

USED
Badger BN 184 liquid manure pump; Martin S1257 & S1678 Scavengers; NI 213 Flail Spreader; Martin Equalizer Manure Loader; Vandale 1500 gal. tandem vacuum manure spreader w/injectors, like new; 800 gal. vacuum spreader, very good; JD 466 roll top, left hand; NI 243; Farmhand right hand. Better Bilt 1500 gallon liquid tank spreader; NI 2100 gal. tandem vacuum; NH 516T; NH 329; 512; NI 212-3 beater; NI 206 & NI 12A ground drive spreaders; Starline tank spreader, tandem axle, left hand.
PUMPS: NI basin pump; Better Built 8' manure pit pump, very good condition. Badger #8N184 Lagoon pump.

PLOWS, PLANTERS & SEEDERS

Brillion & Glencoe soil savers.
3 PT. HITCH: IHC 450- 3 btm.; Ford & JD; Taylor 16 tooth trailer chisel plow.
SEMI-MOUNT: IHC 3, 4, 5, & 6 bottom; Ford 5 bottom; AC 4 & 5 bottom; JD 4 & 5 btm.; Used Bush Hog 10' tandem disc; 12 other assorted 3 pt., drag, & transport disc harrows.
USED: JD 1500 3 pt. no-till seeder, like new; Brillion 10' cultipacker seeder; Tye 3 pt. and trailer no-till seeder.
NEW: Brillion 8' & 10' cultipacker seeders; Brillion 3 pt. landscaper cultipacker seeders.

WE SHIP PARTS DAILY BY UPS.

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3 Used Fahr
4 Star- 17' Hay
Tedders, reconditioned
Choice $1,295

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1 FARM EQUIPMENT

BHM FARM EQUIPMENT, INC

Annville, PA

717-867-2211

NEW HOLLAND

NEW EQUIPMENT

NH 489 Haybine
NH 514 Manure Spreader
NH 304 Slurry Spreader
NH 311 Baler w/75 Trhower
NH 785 Skid Loader
NH 326 Baler
NH 256 Rake

USED EQUIPMENT

NH 1495 Haybine w/Partial Cab, Gas & Hydro
(2) NH 479 Haybines
NH 477 SOLD ybine
NH 320 Baler w/Thrower
NH #30 Blower
NH 791 Manure Spreader
NH 717 Harvester w/1R Head
NH 354 Grinder Mixer
NH 351 Grinder Mixer

DEUTZ ALLIS

Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

Deutz Allis 6250, 2 WD
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16½' Field Cultivator $2,450
Deutz Allis 6070, 2 WD, $16,500
Amco 12' Disc Harrow, $5,950
Century 300 gal. Sprayer w/28' Boom $1,795

USED EQUIPMENT

AC 5015 Tractor
Farmall Cub Tractor
AC G Combine
IH 915 Combine w/763 Corn Head & 810 Grain Header
1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition
IH 440 Baler
NI 299 Mower Conditioner
Oliver 1850, 4 WD Tractor
Farmall 5 SOLD ctor
Farmall M
AC D14
AC 6070, $12,500
AC 8030, 4WD & 600 hrs., $24,500
AC WC Tractor w/Cultivator
Case Stalk Shredder
JD 336 Baler w/#30 Thrower
Badger 200 Manure Spreader
IH 56 SOLD r
Gehl Hi Throw Blower
IH 56 Corn Planter
IH 350 Disk Harrow, 10'3"
IH 51 Forage Wagon
JD 5Fx16" Plow
MF #33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader
NI 224 Manure Spreader

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JD 2440 late model, 16.9x28 tires, 1,558 hours, $7,850
JD 2440, 16.9x28 tires, independent PTO, $6,800
Int. 886 diesel, ROPS weights, dual hydraulics, 3,600 hours, nice, $8,750
JD 530 power steering, 3 pt., $2,250
JD 1010 gas SOLD p, $2,400
Bobcat 632 hydrostatic skid loader, nice, $5,200
Oliver 550 gas, $2,400
JD 2940, w/2600 hours, 16.9x38 tires, fully equipped, nice, $11,500
Gehl 4400 gas, hydrostatic skid loader, $3,200

LAWN & GARDEN EQUIPMENT

Cub Cadet 129 hydrostatic, $1,150
JD 210 gear drive, $1,550

TILLAGE EQUIPMENT

JD BWA, 21' wing disc, good blades, $1,150
Glencoe 10 tooth pull type chisel plow, $950
Oliver 252, 12' Disc
500 gal. Trailer Sprayer
White 316 reset, $1,350

HAY EQUIPMENT

NH 315 baler with 58 thrower
NI 279 cut-ditioner, 9'
Int. 990, 7' haybine
(3) Grimm ground drive tedders, $650 each
Hesston 1090 9' haybine, $1,250
Nickelson ground drive tedder, $750
Nickelson PTO drive tedder, $750
NH 474, like new, 7', $3,400
NH 477, nice, $2,200
Grimm PTO Tedder, $750
NH 479, nice, $2,200
NH 467, 7' $1,950
NH 489 h SOLD e, $2,950
NH 455 trailer mower, $850
JD 1207 haybine, 7', $1,950
NH 56 rake, $950
Int. 1190, 9 SOLD bine, $2,000
JD 640 hay rake with dolly wheel, $1,050
(4) NH hay heads, fits 782 or 770 open end, $700-$1,200
NH hay head for 770 or 717, 5', $400-$650
NH 25 blower
PT-7 Hesston haybine, 7', nice, $1,250

GRINDER MIXERS

NH 3 SOLD e new, $5,800
NH 35 SOLD 200
Int. 1250 grinder mixer, $1,950

MISCELLANEOUS

(2) MF grain heads, hume reel. Fits old style 410 and 510 combines, $350 ea.
Int. 550 Manure Spreader w/Tail Gate
NH 667 Tank SOLD ider, Late Model, $950

GOOD USED FARM EQUIP.

IH 10 Flail Chopper $1,450
IH 1190 Haybine, 9'... ..... $1,950
Int. #35 Rake $850
Pequea Hay Tedder, 7' PTO, NEW $1,275

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- 1972 Jeep Pickup Truck, V8, Auto. Trans., 4x4.. **Only $995**
- *Just Arrived!* Case 580 C w/Cab Standard Hoe, Power Shuttle
- Hydrostatic Gas Powered Industrial Loader Tractor, Low Hours..... **Only $4,708**
- Deutz Diesel Powered Bobcat 721 Skid Steer Loader ..... *Come & Deal* **Only $6,900**
- *If You Own Or Maintain A Farmette, Consider This Tractor & Loader*
  1980 Case 60 H.P. Tractor Model 1390, w/Quick On & Off Front End Loader, PTO To Power Mowing Machines Etc., Also 3 Pt. Lift..... **$12,906**

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- Case IH 42 H.P. Diesel Tractor w/Loader

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- 1980 Cat Model 930 Articulated Payloader w/Cab

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Power Shift
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Good U.C.
Ready For Work
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Only 750 Hrs.
Power Shuttle
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$27,200

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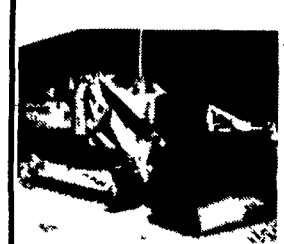
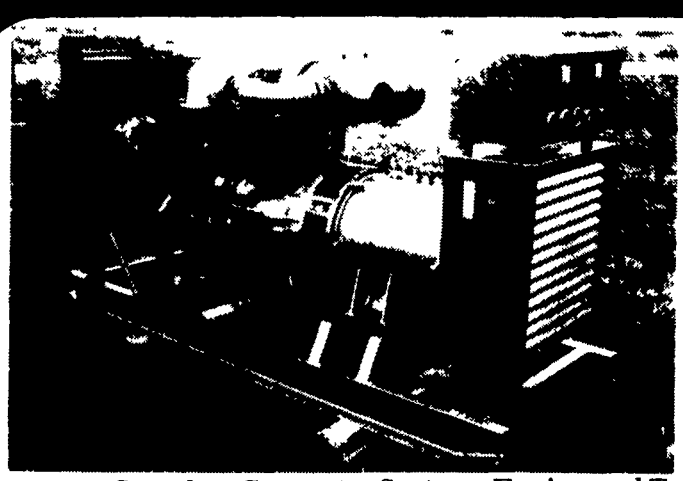


w/Like New U.C., ROPS Available, ¾ Yd. Loader, Power Shuttle Reverser
ONLY **$13,900**



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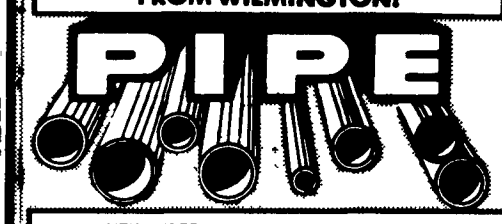

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3,350 gal. liquid manure tank
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NEW EQUIPMENT SPECIALS

GMD 44, 4 Disk Mower, $2,795
GMD 66 HD 6 Disk Mower, $3,995
Kuhn GRS 25N Rake Tedder, $2,800
GF 440 5 13' Tedder, $1,990
JD 1610 Chisel Plow, $2,200
JD 716A Forage Wagon, w/High Sides & Top, less running gear, $6,450
NH #8 Forage Wagon w/234 Running Gear, $5,000
JD 215 Disk Harrow, Dura Cushion, 12, $5,990
NH 258 Rake, Dolly Whls. & Tires, Rubber Teeth, $2,990
JD 327 Square Baler
FMC Sprayer 10 gal. per minute pump, 200 gal. fiberglass tank, $2,300

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IH 2400B Industrial Tractor w/3 PTH & PTO, $5,000
MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform & 4 RW Head $18,500
JD 7720 Combine 4WD w/6R Corn Head, $39,500
JD 3960 Forage Harvester $7,800
Yanmar 165 D 16 HP Tractor, 4WD, Turf Tires, Front Blade, Less Than 200 Hrs., $5,700
Century 6R Sprayer, 3 Pth, $850
Cub LoBoys w/Implements, $1,200 & Up
JD 444 Corn Head, $4,500
NH 479 Haybine, $1,950
NH 495 Haybine, 12', $3,200
Kuhn GMD66 6 Disc Mower, $2,500
JD 235 Disk Harrow, 17' Center Fold, $6,950
JD 640 Hay Rake, $1,200
JD 1209 Mower Conditioner $1,800
NH 770 Hay Pickup, completely rebuilt & painted
NH 259 Hay Rake, New teeth, dual drive wheel, $2,300
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AC 170 Dsl.
AC 185
AC D17 Dsl. Tractor
JD 40 Manure Spreader w/Upper Beater
NI 213 Single Beater w/Hyd. End Gate
NH 489 Haybine
NH 479 Haybine
NH 469 Haybine

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Old 2 cylinder JD flywheels, rebuilt with our patented steel drawn in hub, which has the ability to tighten up on worn crankshaft. New manufactured flywheels also available. Hubs available for installation by your local machinist. Home of the original taper lock super grip steel drawn in hubs. Dealer inquiries welcomed.

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NH 489 Haybine
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NH 855 Round Baler
Case IH 2096 Tractor
Case IH 585 Row Crop (38" Wheels)
5100 18x7 Plain Drill
2255 Loader
720 Plow 5x20" Bottoms
7 & 13' Chisel Plows

Kubota Tractors

Sale Item
NH 855 Round Baler
Manual Tie, Bale Ejector
Cash Price One Only **$11,200**

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Farmall F560 w/FH*
NH 782 For SOLD arvester, Very Good
NH 707 3 pt. Harvester, very good
NH L775 Skid Ldr., Gas
NH L325 Skid Loader
IH 1440 Combine, Axial Flow, 2½ Seasons, Low Hrs., Excellent
IH 303 Combine
IH 706 Farmall, Almost New Cab, Air, 3 Pt. WFE (Consignment)
IH 2350 Loader, 2 Buckets, Nice
AC 700 4-Row, No Till, Nice
JD 336 Baler w/Kicker
IH 1190 Haybine
NH 469 Haybine (Coming In)
Plus Many Other Used Balers & Haybines
Many IH Conventional Planters
Many Used Forage Blowers
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New Shelter Unit For NI Pull Type Picker

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NEW HOLLAND

Ford 9000 Cab Dsl.
Ford 7700, 4WD
Ford 1100 Dsl., 2 WD, 45" Mid Mount Mower
Ford 1700 Dsl., 4 WD, 60" Mid Mount Mower
Ford 1200 Dsl., 4WD, w/Hydraulic Angle Snow Plow
AC 200 w/Factory Cab
NH 489 Haybine
NH 472
NH 467
NH 782 Repossessed Harvester
NH Super 717 Harvester
278 Baler w/Thrower
315 NH Baler w/Thrower
Ford Combine 642 w/13' Grain Head

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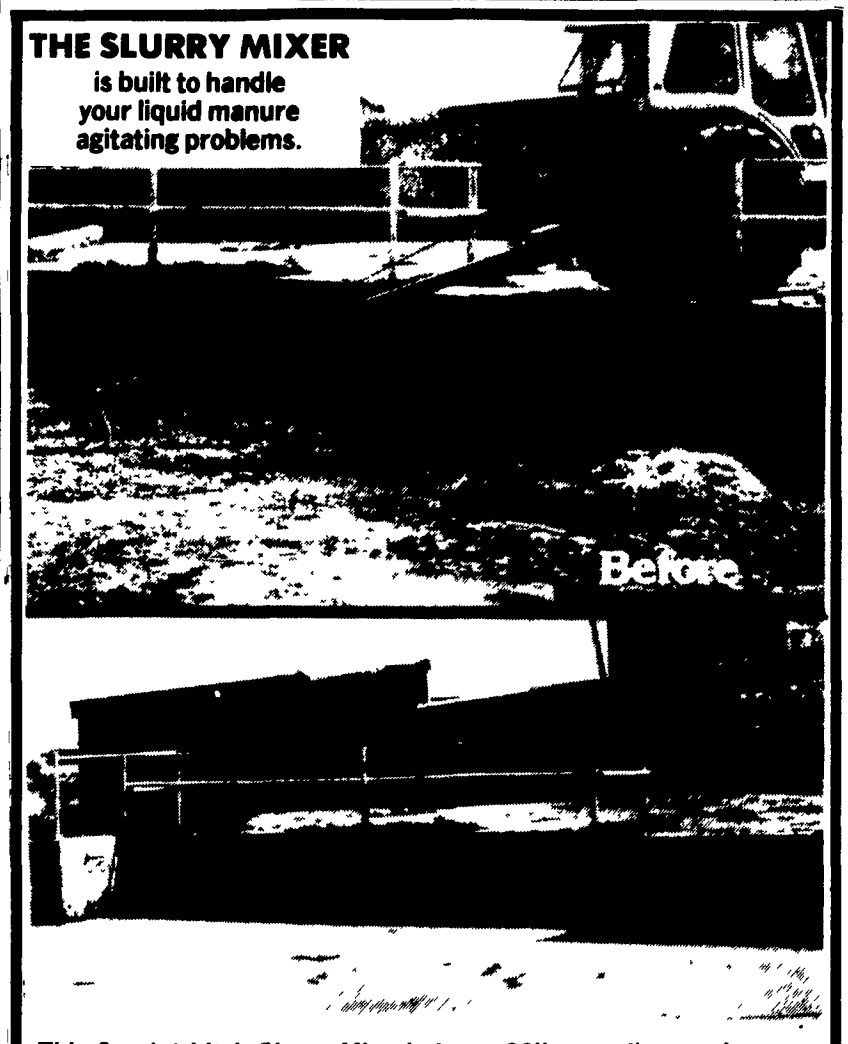
THE SLURRY MIXER

is built to handle your liquid manure agitating problems.



This 3 point hitch Slurry Mixer's large 22" propellor produces a strong undercurrent that moves liquids, floating chunks of crust, weeds, bedding and dried manure into the propellor that chops, mixes and blends your manure into an even liquid Slurry.

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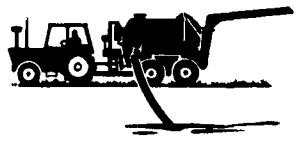
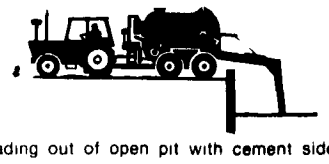
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.

Loading out of pit with ground bank

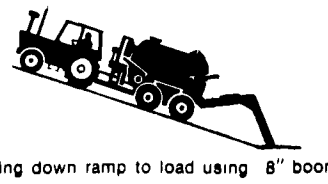


Using 6" side valve and hose for pumping out open pits or under building



Loading out of open pit with cement sides

Using top hydraulic manhole for loading with pump (optional)



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NH 320 baler w/58 thrower $5,500
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Uni 938 Husker & Throat
Also 801 Tractor
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Gleaner K w/Corn head & Grain Table
IH 1026 Hydro
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Cub Cadet No. 71, 7 HP, 38" Mower
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446 Case, 16 HP, 48" Mower
12 hp Case ..... 38" Mower
Single Shank Ripper
Worksaver Post Hole Digger
8,000 lb. Hyster Forklift
18 Ft. Car Trailer
1969 Int. Truck w/SOLD Grain Dump

NEW EQUIPMENT

Yanmar Tractors 14 - 33 hp
Rear 3 PT Blades 4', 5½', 6'
10 Ton Running Gear w/Tires
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Woods 48" 3 pt. Mower
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Rayco Roller
Seaman w/Tiller
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JD 4440, cab, air, power shift
JD 4440, cab, air, quad range
JD 4430, cab, air, quad range
JD 4230, cab & air
JD 2510
JD 4030, 4 post, roll guard
JD 2 SOLD ab & air
JD 2940 w/cab
JD 2940
JI SOLD 0
JD 2510 Gas
JD 3020 diesel, cab
JD 3020 gas
JD 4000
JD 4020, new tires
New IH 274 w/cultivator
IH 3388, 2+2
IH 2400 w/loader, 500 hrs.
IH 886, used 100 hrs.
IH 70 hydro
IH 766 w/cab
IH 806 diesel, excellent
IH 826 diesel
IH 6 SOLD ro
IH 584 w/2250 loader, excellent
IH 544
Ford 6600, like new, 900 hrs.
Ford 5000 diesel
Ford 5000 Gas
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3400 w/loader, 800 hrs.
Ford 2600 w/800 hrs.
Ford 2000
Ford 1910 w SOLD er, like new
Ford 555 w/loader & cab
Ford 3000
AC 210 diesel
AC 180, gas
AC 200, like new
MF 205, 4WD
MF 50C w/loader
MF 20 SOLD ider
JD 3 pt. hitch backhoe, like new
Int. 7000 Forklift 28' Lift

JD 555 Crawler Loader, excellent

New Gehl 360 Skid Steer Loader

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
Large selection of 3 to 7 btm. plows
New JD 2700, 4-18 Toggle trip

GRINDERS & MIXERS

Gehl 65

USED COMBINES

444 JD corn heads
443 & 643 corn heads
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 6600 hydro, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 3300 gas

USED PLANTERS

JD 7000 4 row Dry fertilizer
JD 7000 4 row liquid, like new
JD 7000 6 row conservation, liquid

Used Moore
no-till grain drill

USED HARVESTERS

Fox Custom 90
NH 718, sharp
Field Queen 3 row wide corn head

HAY EQUIPMENT

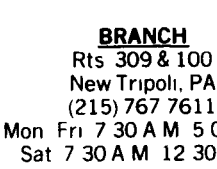
NH 4 SOLD ybine
Gehl 1500 Round baler
JD 3 SOLD ler
NH 2 SOLD /thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1030 stack wagon
NH 1033 stack wagon

MISCELLANEOUS

JD 12' roller harrow, like new
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
Kewanee hydraulic fold 21' disc
Bush Hog plowing disc

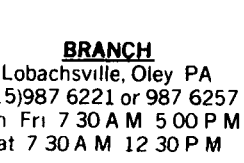
D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

NEW IDEA



C.J. WONSIDLER BROS.
KHD DEUTZ ALLIS

NEW HOLLAND



BRANCH
Rts 309 & 100
New Tripoli, PA
(215) 767 7611
Mon Fri 7 30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd
Quakertown, PA
(215)536 1935 or 536-7523
Mon Fri 7 30 A M -9 00 P M
Sat 7 30 A M 4 00 P M

BRANCH
Lobachsville, Oley PA
(215)987 6221 or 987 6257
Mon Fri 7 30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

MR. FARMER:
Need a new or used combine? Stop in and see the right machine and prices for your operation.
"We have low prices and low finance on the machine you are looking for!"

TRACTORS

AC 7080 D w/cab, air/heat, excell!
AC 7050 D w/cab, air/heat
AC 7030 Dn w/cab, air/heat
AC 7020 D PS, w/cab, air/heat
AC 6060 D w/460 Ldr , like new
AC 190 D, excellent!
AC 185 D, excellent!
(2) AC D19 D
AC D19
AC D17 D
AC WC
AC CA
Farmall 460 D
Ferguson 50 w/loader
Oliver 1550
Oliver 500 D
Oliver 1755D
JD 4020 w/Power Pack
JD 4020 D w/WFE
JD 4010 D w/WFE
JD 3010 D
JD 720
JD 60

TILLAGE

Oliver 6B Plow, semi-mount
Ford 3B Plow, 3 pt
Brillion 961 8' Seeder, pull type
IH 11 Shank 3 pt Field Cultivator
JD 1000 12' Disc w/Trans Harrow
JD 17 Disc Grain Drill
(2) IH 11' Transport Disc
(2) MF 4B 3 Pt. Plow
(3) AC 600 4R No-Till Corn Planter
(2) AC 600, 6R No-Till Corn Planter
IH 46, 4R Planter
JD 494A, 4R Corn Planter

MISC

Weaverline 224 Silage Cart, 30 BU , w/automatic charger, rebuilt!
Allied Loader w/80" Bucket for AC 180

COMBINES

AC Gleaner N5 w/Cab, 15' Flex Grain & 630 C.H. w/1400 Hrs.
(1978) AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads
AC Gleaner E w/cab, 13' grain & 238 corn heads
AC Gleaner F w/cab & both heads
IH 315 w/cab, grain & corn heads
MF 750 D w/cab, air/heat & 630 corn head
NH 975 Gas w/cab & both heads
JD 3300 Cab w/Air/heat, 10' grain head & 238 corn head, EX!
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent!

MANURE SPREADERS

NH 791 w/hyd. endgate, 360 BU
NH 676 w/hyd. endgate, 320 BU
NH 675 w/endgate, 300 BU
NH 518, 220 BU
NI 214, Liq pan, 210 BU A-1!
NI 218, w/hyd Endgate, Tandem, 300 BU
(3) NI 213, 177 BU
IH 550 w/endgate, 200 BU

HAY EQUIP

NH 69 Baler
NH 270 Baler w/thrower
NH 68 Baler w/thrower
NH 78 Baler w/thrower
MF 12 Baler
IH 440 Baler w/thrower
IH 46 Baler
IH 45 Baler
AC 443 Baler
AC 444 Baler w/thrower
JD 14T Baler
NH 460 Haybine
NH 469 Haybine
NH 479 Haybine
NH 489 Haybine
MF 81 Haybine
AC 904 Haybine
(2) Hesston 1014 Hay Cond
Hesston PT10, 9' Haybine
Hesston PT7, 7' Haybine
MC 7' Rotary Scythe

WENGERS INC.

HOURS:
MON-FRI 7:30 To 5:00
SAT 7:30 To NOON

251 SOUTH RACE STREET, MYERSTOWN, PA. 17067

TELEX 316290

PHONE: 717-866-2135

NIGHTS PHONE
717-866-7147
or
717-273-9089

JOHN DEERE TRACTORS

A-Unstyled-For Collector	$1900
B-Unstyled For Collector	$1900
620-3 Pt.-PS-Runs Good	$2200
G-Unstyled For Collector	$3500
(2) 435-GM Diesel-RCP Each	$3900
JD 301 w/Mower-Clean	$3900
GP-AO-Unstyled-For Collector	$4000
430-PS-3 pt. Cult.-For Collector-RCP	$4500
830-DE-2 Cyl.-Nice	$4500
830-DE-2 Cyl.-Nice	$5500
JD 750-Diesel-1981	$5900
5020-Turbo-Clean	$6900
3020-SC-WF-148 Loader	$7900
4230-4 WD-Cab-Quad	$14,600
R-80-820-830 In Stock	Call

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

Kubota B6100-2WD	$2900
Kubota B7000-4WD-Rotovator	$4400
Hefty-Hi Clear w/Cult.	$4900
Long-560-4WD-Diesel	$5900
Valpadana 20/26 4WD-DEMO	$6900
IMT 539-Demo	$6900
Mitsubishi MT 250 w/Ldr	$7900
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-DEMO	$8800
Long 360 4 WD-New-Was $13,690	$9400
Long 460 4 WD-New-Was $15,373	$10,800

FORD TRACTORS

8N-Average	$2000
8N-Nice	$2400
8N-Very Nice	$3200
4000-Utility-Gas-PS-RCP	$4500
4600 Diesel	$4800
800 w/Ldr.-3 Pt.-PTO	$4900
County 6-4WD-3 Pt.-PTO	$5900
9600-Cab Dual Power	$5900
335-Gas-3 Pt-PTO-ROPS	$6500
5000D-Redone	$6900
6600 Diesel-Flat Deck	$7900
420 w/ldr.-RCP	$7900
(7) 515 w/Loader-Gas-3 pt-PTO	$8900

FARMALL TRACTORS

200-FH	$1500
Cub-Late Style	$2500
404-Gas-P.S.-Clean	$2900
Super A w/Cult.	$2900
560D-Clean-Wide Front-FH	$3900
140-Cult-Hyd-Nice	$3900
784-Cab-3500 Hours-1978	$6900
86 Hydro-Hi-Clear-Diesel-RCP	$6900
826- German Diesel	$6900
(2) 2400 B w/Loader-Gas-3 pt.-PTO	$7500
(2) 2500 A w/Loader-Gas-3 pt.-PTO	$7500
(2) 2500 B w/Loader-Gas-3 pt.-PTO	$7900
656 Hydro w/QT Loader	$7900
766-Cab- Air- Very Nice	$9900
784-4WD-Cab	$9900
1466-Cab-Super Sharp	$11,900

MASSEY FERGUSON TRACTORS

Pony w/Mower	$1900
Pacer w/Woods 5' Belly Mower	$2450
35 Diesel WF, 3 pt.	$2750
130 Vineyard-Diesel-3 Pt.	$3400
35 Gas-WF-3 pt.	$3400
65 Utility Diesel-Rebuilt Multi Power	$3900
35-Gas-RCP	$3900
Workbull w/Loader-Diesel-3 pt.	$3900
(2) 50-GAS-RCP-Sharp Choice	$4800
65 Gas-PS-RCP	$4800
30 w/Loader-3 pt.	$4900
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
Workbull w/Loader-Gas-3 pt.-PTO	$5900

ALLIS CHALMERS TRACTORS

G-RCP	$1900
CA-Plow-Cult-Planter-Etc	$2500
D17-Gas-Try	$2900
185-Wts.-Very Nice	$8500

CASE TRACTORS

970-Powershift-1970	$5900
970-1971-Diesel	$6500
2670-Cab-Duals-3 pt.-PTO-RCP	$11,400

OLIVER TRACTORS

Super 77 Diesel	$1800
88-Wide Front-For Collector	$2900

DETAILED VCR COLOR TAPES WITH SOUND AVAILABLE FOR
ANY OF OUR MACHINES (VHS ONLY) $25 Per Machine

BARGAIN LOT SPECIALS

JD A-Cyclone-Factory WF	$1500	Oliver 440-3 Pt.-For Collector	$2900	Oliver 1655	$5500
Super 88 Diesel	$1600	MF 135G-WF-3 Pt.	$3500	IH 1066	$5800
JD 60 Orchard	$1850	IH 966	$4500	Case 1370	$5900
JD 620 Orchard-For Collector	$1850	AC 200D-WF-3 Pt.	$4500	JD 2640 Orchard-WF-3 Pt	$5900
Oliver 1355 D-WF-P S.	$2250	IH 656G-Utility-3 Pt.	$4500	Ford 8700-Cab	$5900
JD 302D-WF	$2450	AC D21-Series 2-Turbo	$4500	JD 4030	$6250
MF 35G-WF-3 Pt	$2850	Deutz 6806	$4900	JD 4230	$6500
Oliver 1550 Diesel	$2900	White 2-60	$4900	JD 4230-Cab	$6900
				Ford 9700	$7500

TRUCKS

1926 IH Chain Drive	$1900
1950 GMC 10 Wheel Dump	$2750
1968 IH 1x Dump	$2750
1968 Dia Reo 1x Dump	$4700
1974 White Diesel w/Crane	$5250
1971 JD Crane Truck	$7500
1977 Ford L7000 Diesel w/18' Grain Body	$12,500
1985 IH S1900 Diesel w/16' Grain Body	$34,900

SPREADERS

JD R
NI 12A
NI 18
IH Cub

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt
JD 2x Planter

FORAGE WAGONS

Fox 625

DUALS

18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20 8x38 Snap On

CONSTRUCTION EQUIPMENT

NEW 1987 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. **$1,495 To $1,795**
- 2 Axle 4 Ton, 16 Ft **$1,595 To $1,895**

TRACTORS w/LOADERS

MF Workbull	$3900	Mitsubishi MT 250	$7900
Ford 800	$4900	Ford 3500	$7900
MF 30	$4900	Ford 420	$7900
Ford 3400	$4900	(7) Ford 515	$8900
White 2-63	$5900	Valpadana 4033-4WD DEMO	$10,800
MF Workbull	$5900	Valpadana 4038-4WD DEMO	$11,300
White 2-44	$6900	Long 360-4WD-Demo	$13,400
(2) IH 2400B	$7500		
(2) IH 2500A	$7500		
(2) IH 2500B	$7900		
IH 656	$7900		

10%
DISCOUNT
For Cash — No Trade Customers
On All Tractor Loaders
This Ad Must Be Presented
Expires July 12, 1987

FORKLIFTS

3 pt. Attach-NEW	$2500
Clark 6000 lb.	$2900
Datsun 9000 lb.	$3900
Clark 8000 lb.-RT	$5900
White 4000 lb.	$6900
IH 340 RT	$6,900
TCM-6000 Lb.	$7900
Ford 4500 RT	$8500
Hyster 10 Ton-RT	$8900
TCM 5000 Lb.	$9900
Komatsu 5000 lb	$9900
White 21'	$10,500
AC I600-21'	$12,500
MF 2500-RT	$12,500
Skytrack	$13,500
Case 584-14'-Gas	$14,500
MF 30-21'	$14,500
Sanderson SB70	$16,500
Cat 12 Ton	$19,500

BACKHOES

Case 530	$4900
Case 580CK	$4900
Ford 2000	$5900
IH 3514	$6900
JD 300	$8500
(2) JD 400	$9500
Ford 5500	$9900
MF 50-Cab	$10,500
IH 2500B	$10,500
JCB-Cab	$11,500
IH 260	$11,500
(2) Case 580B	$12,500
JD 410	$14,500
JD 310A	$14,500
(4) JD 510	$14,500
JD 410	$15,500
Case 580C	$16,500
(6) Case 580F	$16,500
(3) JD 410	$16,500
Ford 545	$16,500
Ford 555	$18,500
JD 310B	$22,500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets	Come Look
(30) Loader Buckets	Come Look
(30) Set Forklift Forks	Come Look
Hyd. Hammer For Hoe	$795
JD 350 Cab	$1000
New 3 Pt. Winch	$1250
Ripper For Cat 933	$1500
2 Ton Roller	$1750
JD 350 Winch Attach	$1900
JD 450 Winch	$3750
(2) Wood Chipper	$4900
Huber Maintainer	$5900
(3) Wood-chipper Ea	$5900
Joy 185 Diesel Compressor	$5900
Prentice 100 Log Loader	$6900
Galion 503 Grader	$7900
Galion 503 Grader	$8900
Leroi 175 Air Compressor	$8900
Rex 3-50 Compactor	$39 500
Lots More Attach-ments	Call

CRAWLER LOADERS

Oliver 126	$2900
AC HD6	$3900
JD 2010	$5500
AC HD5	$5800
Case 850	$8500
(2) JD 350	$9500
JD 450	$10,500
JD 450	$11,500
Case 350	$11,500
JD 350-Ripper	$12,500
AC H4 w/Hoe	$12,500
JD 450	$13,500
JD 450 w/Hoe	$14,500
MF 200 w/Hoe-Cab-1978 4-in-1	$14,500
MF 400-Cab-Ripper	$14,500
AC HD7G	$14,500
JD 450-Hoe	$16,500
Cat 941-Cab-4 in 1	$17,500
Komatsu D31 Cab	$18,500
JD 450C	$19,500
Cat 941-4 in 1	$19,500
Cat 951B	$22,500
(2) Cat 951C Cab	$25,000
(2) JD 555-Cab-Hoe	$27,500
(2) Cat 955L	$29,500
JD 755 Cab	$29,500

SKID STEER LOADERS

Melroe 600	$4900
Melroe 313D	$4900
Melroe 400	$4900
Case 1740D	$4900
(2) Melroe 600	$5900
Melroe 720	$6900
JD 170	$6900
OMC 440	$7900
Melroe 611	$7900
Case 1830	$7900
NH L775	$8900
Case 1835 Diesel	$9900
Clark 825D	$9900

DOZERS

McCormick 10-20	$2500
IH TD14	$2900
Cat D2	$3500
Oliver HG	$3500
JD 1010	$5900
JD 450	$7500
AC HD4-6 Way	$8500
JD 450 w/winch	$9500
IH TD15B	$10,500
JD 450-6 Way-Winch	$10,500
JD 450 w/Hoe	$13,500
JD 450 B-6 Way	$14,500
Case 850 6 Way	$14,500
JD 350C-6 Way	$1 500
Cat D3-6 Way	$18,500
(7) Cat D4D	$19,500 & Up
Case 1150B-Cab	$19,500
JD 450C-6 Way	$19,500
Cat D6C	$29,500

RUBBER TIRED LOADERS

Swinger 110	$6900
Trojan 204-Cab	$9500
Michigan 75 II	$9500
Michigan 175A II-Cab	$9500
Case W9-Cab	$9500
Hough 70-Cab	$9500
Fiat 545-Cab	$16,500
Fiat 345B-1979	$19,500
JD 644B	$26,500

LOG SKIDDERS

Ford Log Hog	$2800
JD 440A	$7800
Franklin 135	$7800
(2) JD 440A	$8800
JD 540	$10,800
IH S8	$15,500

TRAILERS

1986 1x1 Ton	$695	1987 9 Ton	$4975
1987 2X 4 Ton	$1495	1987 9 Ton	$5175
(8) Flatbeds From	$1800	1986-12 Ton	$5800
/2 20'3x Goose neck	$2900	25 Ton Lowboy	$7900
6 Ton Goose neck	$3400	1977 44' Movall Drop Deck	$10,000
25 Ton Lowboy	$3900	1977 Phelan 25 Ton Double Drop	$12,000

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

HOURS:
MON-FRI 7:30 To 5:00
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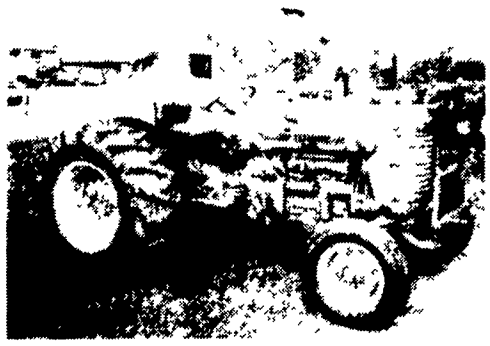
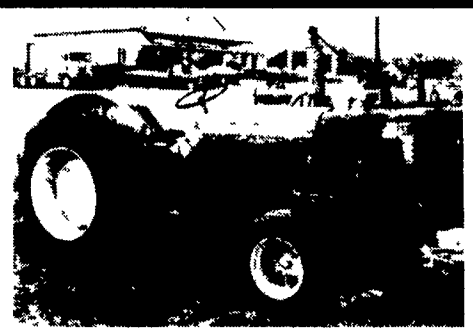
PHONE: 717-866-2135

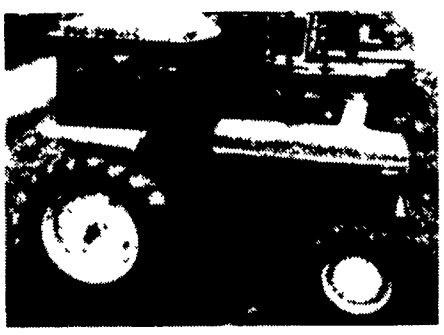
NIGHTS, PHONE: 717-866-7147 or 717-273-9089



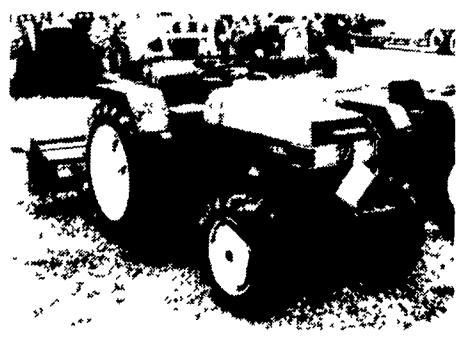
MF 65 Diesel, P.S., 3 Pt. PTO, New Paint.
$3,900



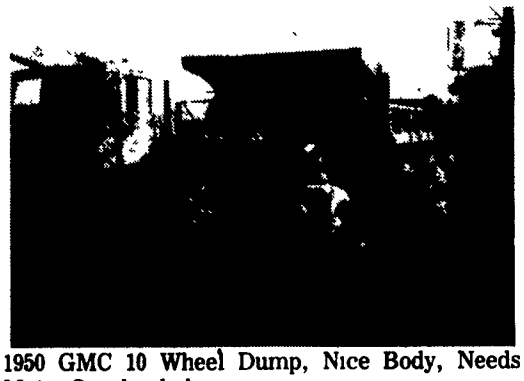
1978 Ford 4600 Diesel, 3 pt., PTO, P. Steering, 8 Speed Transmission, 60% Tires, Operating Cond.
$4,800



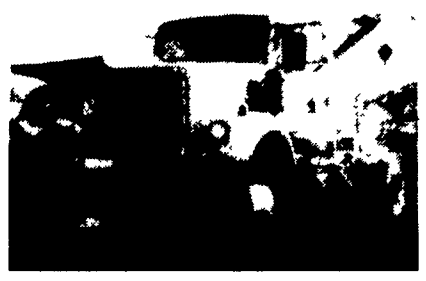
1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor
$14,600



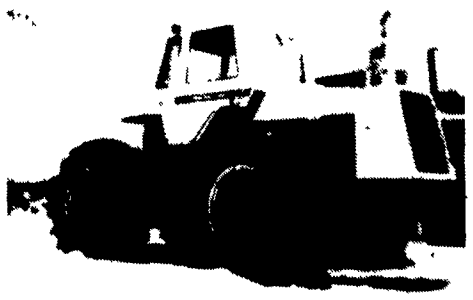
Valpadana 4033- 33 Hp- 4WD- Power Steering- 3 Pt.- Reverser Transmission, Weights, Only 25 Hours.
$8,800



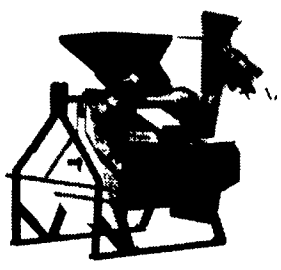
1950 GMC 10 Wheel Dump, Nice Body, Needs Motor Overhauled
$2,750



1974 White Truck Tractor w/Heavy Loading Crane, Crane Turns 180°, Rebuilt 318 Detroit, 10 Speed Road Ranger, 4 WD, Operating Condition, Truck Has P.T.O.
Only $5,250



1975 Case 2670 w/20.8x34 Duals (40%), 2000 Hours, New Paint, 3 Pt., PTO.
Super-Super Buy $11,400

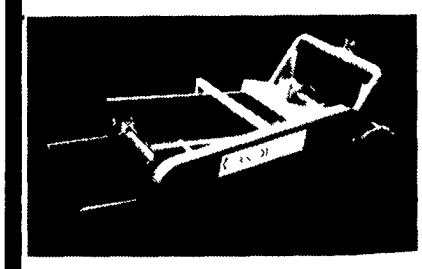


3 Pt. & Pull Type

NEW CORNSHELLERS
- 3 Pt. Economy..... $795
- 3 Pt. Standard ... $1395
- 3 Pt. Deluxe $1695
- Pull Type Add $100

Pictured Is Standard Model

POTATO DIGGERS



1 Row, 3 Pt., PTO
$1,495

NEW EQUIPMENT SPECIALS

STIREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt
$895
4 Wheel-**$1695**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty..... $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty..... $495
6' 3 pt Heavy Duty..... $795
7' 3 pt Heavy Duty..... $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $995
5' 3 pt Estate $995
6' 3 pt Estate $1195

SICKLE BAR MOWERS
6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty..... $195
7' 3 pt Heavy Duty..... $225

CEMENT MIXERS
9 Cu. Ft.-3 Pt..... $595
12 Cu. Ft.-3 Pt..... $695

STONE RAKES
6' 3 pt..... $495
7' 3 pt..... $550
8' 3 pt..... $595

HAY TEDDERS
2 Wheel Pull PTO $895
2 Wheel 3 pt PTO..... $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $495

HAY RAKES
4 wheel 3 pt..... $495

WOODSAWS
3 pt PTO 30"..... $495

ROTOVATORS
34" 3 pt..... $875
42" 3 pt..... $875
58" 3 pt..... $1275
74" 3 pt..... $1475
82" 3 pt..... $1975

LOADERS
3 pt snow & dirt bucket... $695

SEEDERS
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6'..... $495
3 pt 7'..... $595

TRAILERS
1986 1 ton-9' Bed $695
1986 4 ton 14'..... $1495
1986 4 ton 16'..... $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD..... $495

CHISEL PLOWS
3 pt 9 tooth spring loaded... $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H D. 3 pt..... $149
Standard 3 Pt. ..... $ 79

COMBINE SALE
All Combines Have Cabs
- White 8600-D-QT w/Grainhead..... $8680
- IH 615G-R Screen-QT w/Grainhead..... $7850
- White 7300 G-QT w/Grainhead..... $7850
- Gleaner F Diesel w/Grain & 435 Corn $4900

CORN & GRAIN HEADS AVAILABLE

100 COMBINE CORNHEADS

HARVESTER HEADS (75 In Stock)

LOADERS
Loader Off D.B. 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2050 Loader
JD 158 Loader
Loader Off 800 Ford
IH 2000
JD 47 Loader
Case Off 930
JD 148 Loader

CORNPLANTERS
IH 2X Fast Hitch
JD 246 2x3 Pt
Ford 2x3 pt
MF 2x3 pt -NEW
JD 7000 4x
AC 600 4x

ROLLBARS & CABS
IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab
Case 1270 Cab
Ford 9600 Cab-Air
IH 706 Cab

BALERS
Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67
JD 24T

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy
710 Combine
725 3RN Cornhead
763 WN Harvester Head

CHISEL PLOWS
JD 9' & 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
1 tooth 3 pt subsoiler
7'-8'-9'-10'-11'-12'-14' 3 pt
3 Tooth V Chisel (3 pt)

DISCS
IH- 11'-13' Transports
KK 6' 3 pt
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD 310 Transport
Wilbeck Offset-11'
JD 1520 Plowing Disc

MISC. EQUIP.
Spike Harrow
IH Cub & 140 Attachments
Hesston 10W Mower
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Hesston 30 Mover
(3) Bale Wagons
(2) Hesston 10 Stackers
NH 355 Feed Mill
NH 357 Feed Mill
Richardton 1200 Side Dump
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
Grain Auger-6"x32'
8'-10' 12' Cultipacker
(2) Lely Roterra
JD Hi Boy Sprayer
Hahn Hi Boy Sprayer
NH Flail Chopper
Brady Flail Chopper

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 3x-4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (semi, Reset) 4x-5x
IH 1x (MTD)
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
JD 7x Reset On Land
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt
IH 2X FH

ROTARY MOWERS
Ford 7' Pull
Woods 6' Offset, 3 pt
Bush Hog 4X Stalk Chopper
Woods C80-3 pt
Woods 5' 3 pt
Servis 15 Pull Type
KK 6' 3 pt

CULTIMULCHERS
JD 930 - 12' 3 pt
Bearcat 12'

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt
JD 2x (H & 420)
IH Cub & Super A, A, C
IH C-H-M 2x Frt
JD 6x 3 Pt
IH 4x3 Pt

SICKLE MOWERS
Ford 3 pt
Sitrex 3 pt dynabalance
AC B
NH 450 3 pt
IH Cub

MASSEY-FERGUSON
Where farmers' ideas take root.

USED EQUIPMENT

MF 50 Tractor
MF 150 Tractor
MF 1130 Tractor
MF 275 Diesel Tractor
MF 2675 Diesel Tractor 103 HP.
MF 760 Combine
MF 860 Combine (900 Hrs.)
MF 57 Plow
MF 71 Mower
MF 72 Mower
JD F125 Plow
Ford IO-463 Plow
NI 245 Tandem Spreader
Grimm B Hay Tedder

NEW EQUIPMENT

MF 270 Tractor
MF 1010 Tractor
MF 1020 Tractor
MF 1030 Tractor
MF 3 SOLD actor
MF 3505 Tractor (Demo.)
MF 144 4 Bot. 16" Plow
MF 1 SOLD Chisel Plow
MF 2 SOLD er
MF 228 Baler
MF 725 Hay Tender
NI 512 Mower Conditioner
NI 522 Mower
NI 406 Rake
NI 660 For. Harv.
NI Spreaders
Snapper Mowers

Wheel Horse
Lawn & Garden Tractors

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Maxatawny,
PA 19538
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NEW IDEA

USED EQUIPMENT

TRACTORS
WD Allis Chalmers

HAY TOOLS
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 467 Haybine
NH 469 Haybine
NH 479 Haybine
NH No. 8 For. Box

GRINDER MIXERS
IH 1250
NH 353
NH 354

SPREADERS
NH 679 Spreader w/Hyd. End Gate
NH 519 w/Hyd. Endgate
NI 214, 3 Beater
NI 214, Single Beater w/Hyd. Endgate

SPRAYERS
Century 200 Gallon

PLANTING & TILLAGE
White 5100 No Til 4R Planter
Brillion 14' Transport Harrow
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
JD 210 12 ft. Disk
Int. 630 10 Ft. Offset Disk Harrow

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White 1855 w/50" Mower
JD 8HP Rear Engine Rider

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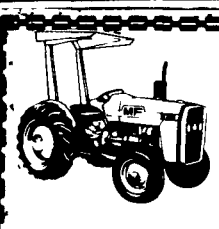

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Where farmers' ideas take root.

TRACTORS & EQUIPMENT

MF 50C Tractor w/Loader & Cab
MF 410 Combine
MF 510 Combine w/63C Corn Head

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF #43 2B Plow
MF 427 No-Till Drill
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 1051 Rotary Cutters
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
MF 1018 Mower

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USED EQUIPMENT

8.8% Financing or Waiver of Interest
Tractors 9/1/87 — Combines 1/1/88

TRACTORS

Ford 641 w/Loader
Ferguson 30
AC 7040
IH 4586
IH 1566
JD 4020 w/Loader
Ford 4100
IH 184 LoBoy
Farmall Cub
AC 7000
IH 1586
Ford 8N
Deutz DX-130
Ford 3550 TBL

COMBINES

IH 1440
IH 1460
IH 1480
IH 915
JD 7700

TILLAGE

IH 5511 Chisel Plow 11'
Glencoe 18' Soil Finisher
Krause 12' Landsman
JD 210 Disc 15'
Ford 142 Plow 5x16
Sunflower HB Chisel Plow 27'
Sunflower Disc 29'
Krause 4133 Field Cultivator
Krause 1966 Disc 31'
Krause 2143 Disc 42'
Krause 1425 Disc 21'
Krause 410 Disc 11'
JD 12 Shank Chisel Plow
JD 210 Disc 13'
JD 825 Rollover Plow 3x16
Wilrich Field Cultivator, 37'
Brillion 32' Crowfoot Packer
Brillion 12' Cultimulcher
IH 300 Rotary Hoe
Tebben Deep-Till, 7x30"

MISCELLANEOUS

IH 510 Drill
IH 620 Press Drill
FMC 25RC Air Sprayer
NH 1033 Bale Wagon
IH 800 6RN Air Planter
JB 700 Sprayer
Haybuster 1206 Drill
JD 400 Gal Sprayer
NH 320 Baler w/70 Thrower
NH 519 Manure Spreader
M&W 400 Bu. Grain Cart
IH 60 Shredder
Rhino Flex 15 Mower
NH 479 Haybine
Woods HD 315 Batwing Mower
Woods 0121 10' Mower
NI 279 Cutditioner
Woods D80 80" Mower
NH 495 Haybine

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* 26x2 125 pneumatic wheels w/¾" nrstmh $46 00 set
* 20x2 125 pneumatic wheels w/¾" bearings $42 00 set
* #26 cart kit (plywood not included) $82 00
* #26 cart kit w/removable front $87 00
* 20 cart kit (plywood not included) $70 00
Add 10% for postage and 6% sales tax for PA non-farm use
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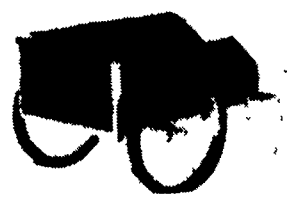

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- 120 H.P. 471 Power Unit, Setup For 540-1000 RPM PTO
- 85 H.P. 353 Fan Thru Flywheel Available As Power Unit
- 90 H.P. 371 Power Unit, Good Used Ready For Work
- 180 H.P. 671N Power Unit, Good Used. Available Soon
- 32 H.P. MWM Murphy Air-Cooled 2 Cyl. Diesel, New $2,000

DIESEL ENGINE SERVICE
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Dismantling Combines for parts over 400 all makes and models
Dismantling 50 pickers for parts

All Combines Sold— free parts for one season if in our parts lot.

IH: 915, 815, 715, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82, 76, 74. JD 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40, 30, 25, 12A. MF. 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC· Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66, 100. Oliver: 545, 535, 525, 430, 40, 35, 33, pull type. NI· Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Ford: 622, 630, pull type. Case: 960, 700, 660, 600. NH: 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, 7300, Massey 750D, Straw Spreaders & Choppers.

COMBINES

JD 3300 gas, grain & corn head
JD 45 square back w/2R 10' grain & cab
1980 JD 4400 diesel w/heads, real nice
1979 JD 4400 dsl., rotary screen, 1551 hrs.
1978 JD 4400 diesel w/heads
1977 JD 6600 side hill w/6R 30" & 14' grain
Gleaner E grain & 2R corn
Gleaner F2 w/heads
Gleaner F dsl. 12' grain & 4R corn.
Gleaner F gas w/grain & corn, $5,500
Gleaner K w/10' grain & 2R corn.
1976 Gleaner FKS dsl. 13' grain & corn head, real nice, $12,000
2 C-2 Gleaners w/4RW for 4RN & grain head
Massey 410 dsl. quick tach, cab & air, $4,000
Massey 300 w/grain & corn head
Massey SOLD rain, $1200
MF 760 6 cyl. turbo w/grain & 6R 30" corn, $14,500
MF 540 dsl., gray cab, duals, 1144 corn & 13' grain
MF 510 diesel, hydro w/heads
MF 510 gas, Chevy V8, 11' grain
MF 510 diesel quick tach w/grain, $5500.
MF 510 dsl, quick tach w/grain & 4 or 6R corn
MF 410 dsl, quick tach w/heads
MF 410 gas, cab & heads
MF 300 diesel, quick tach w/heads
MF 205 gas, cab, 10' grain
MF 35 S P 8' cut
1983 MF 850, 28x26 tires, 1177 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner
1979 MF 550 dsl, hydro, 13' grain & corn, $12,000
Late MF 750 hydro diesel, just had $4,000 spent on it last fall, real nice
IH 1440 Axle Flow w/1100 hrs., 28x26 tires, 13' flex head
IH 1440 Axle Flow Combine w/grain & 4R corn
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head, $13,000.
IH 915 diesel, hydro w/heads
IH 815 dsl., hydro, late profile w/810 grain head & 844 4R corn
IH 503 hydro dsl. w/grain & 6R corn.
IH 403, gas, cab, 4R 30" & grain head
IH 403 hydro w/4R 30" & grain, $5500
IH 205, cab, 2R or 3R 30" corn & grain head.
IH 203 Combine w/grain & 2 R corn, $2500.
1980 IH 1440 axle flow, 28x26 tires, 1585 hrs., cornhead just came out of field, clean, one owner.
Late IH 71 SOLD sel, hydro w/810 grain head
NH TR70 Twin Rotary, cat dsl., cab, air, radio, 28x26 rubber, low hrs , nice
NH 1400 w/grain & 4R 38" corn.
1982 NH TR70, Cat motor, 822 hrs., 28x26 rubber, flex grain, 4R 38" or 6R 30" corn, one owner, clean.
TR70 Cat. dsl., hydro, choice of heads, 1800 hrs.
Case 1160 V8, gas, cab w/grain
White 8600 dsl. w/grain & 4R 38".
AC 60 pull type PTO w/bin

Your Choice
$2500 Each
2 Case 600, 10' Grain & 2R Corn
2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

TRACTORS

Oliver 1600 dsl, WF, nice
AC 170 SOLD F, 3PT, nice
IH 504 gas, P/S, 3 pt
IH TD6 diesel dozer
Farmall BN w/plow & cult
Case 600 w/3PT
Ford 5000 Dsl , late model $5850
JD 60, fair cond.
IH 1066, cab w/complete motor overhaul, will show bills from local shop, $9,000.
Ford 5000 Tractor, late model
JD 3010 Dsl. Narrow Front
JD 4010 Diesel $3,875
AC D-19 Dsl. w/WF, as is.
Ford 3000 Diesel, $3500

ROTARY MOWERS

3 pt. 6,7 & 8'
Also pull types

FORAGE HARVESTERS

JD 15A SOLD opper
NH 71 SOLD 30" & hay pickup
NH 717 1R
NH 822 2R 30" corn head
NH self propelled w/2R & pickup head
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

GRAIN HEADS

8, 10, 11, 12, 13, 14 & 15'

SPREADERS

IH 555 PTO w/endgate, $775
JD #54 PTO

DISC HARROWS

8,10,12 & 14' Wheel Disc
3 pt. 7'
7 & 8' drag discs
Good selection of wheel discs

CORN PICKERS

Blue Ford 3 pt. 1R
IH 400 gas tractor w/2R NI 305
(3) NI 325 2R 30" pull type
NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
(2) NI late 323 1R
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700

TRACTORS ALL WITH LOADERS

Universal air cooled skid loader, $2775
IH Hough Payloader, 2WD, nice shape
Ford 4000 Gas Industrial Loader and Backhoe, like new tires $5,500
Farmall Super C $1,675

CORN PLANTERS

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

PLOWS

15 plows, 2 to 7 bottom

WIDE FRONT ENDS

F, SOLD 340
MF 65
Massey 444
AC C
Massey 101, 30 & 33 SOLD
Farmall C or Super C, 200 & 230

HAYBINES & RAKES

IH 990, 9', $1275
IH 990, 7', $1200
NH 489 9', new paint $2250
Hesston 10' hydro-swing center pivot hitch, $2850
NI Rotobar Rake, $850
JD Rotobar Rakes, $450 to $675.
NH 474, 7', $3000
IH Rake w/front dolley wheel, $785.

MISC.

Combine dual wheels & tires
Loader to fit 4500 Ford or other tractors
Gehl Unloading Wagon
IH 3 SOLD cult.
AC Road Grader, good running, new paint
Century 500 gal. 12R PTO trailer sprayer, real nice
2 Gravity Wagons
Sickle bar mowers, 3 pt. semi & trailer types.
IH Loaders to fit C, Super C, 200, 230, H, M, 300, 350 & 300 & 350 utilities

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
IH 1256, 666 Hydro, 806, 706, 660, 656, 560, 504, 404, 460, 450, 444, 400, 350, 300, 340, 240, 230, 200, MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12. JD: M, 4010, 3010, 2020 Dsl., 2010, 70, 60, 50, A, B AC· 180, D17, WD, WC, CA, C, B. MF 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20. Case. 300, DC, SC, VAC Ford: 6000, 4100, 4000D, 960, 860, 800, 8N, 9N Oliver 1800, 88, 77, 70, 60 Crawler D2 Cat & Oliver MM 5 Star, R, Z, E3 Coop

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Used Model 1690 Case Tractor 775 Hours, Like New

USED EQUIPMENT

IH Model 574 w/2250 Loader
XT 190D AC Tractor, Real Nice
AC 5020 w/60" Under Mounted Deck
NH Model 90 Bale Handler
AC 4 bottom SC plow
AC N5 Combine w/15 Ft. Grain Head & 630 Corn Head
LKS Combine w/Grain And 630 Corn Head
IH 800 4 Row Plate Planter w/Liquid Fertilizer Field Ready
5 Bottom model 700 IH Plow, spring reset

SPECIAL SALE KUHN MOWERS RAKES AND TEDDERS Check Our Prices Before You Buy

Planters w/Dry Fertilizer
No-Tills, Insecticide Units. Complete Plate Planter, One Only At $6,495

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DEUTZ ALLIS

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AC 8050 MFWD, Cab, Air, Like New, 170 Hrs., $29,500

MF 760, 1977 Model, 800 hrs., Turbo, Hydro, V8, 63C 6R 30" C.H.; 15' Platform, $19,500

1978 JD 7700 Hydro 643 C.H., 216 Flex Platfor SOLD cellent Condition, $22,500

COMBINES

Gleaner MKS, 4RW Head & 6RN Head, 15' Platform
JD 1975, 7700 w/215 Flex Head
JD 6620 w/643 Corn Head & 216 Flex Platform
JD 7700 Hydro, Rotary Screen, 15 ft. Platform, 1971
JD 7' SOLD 0 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style

TRACTORS

IH Cub 154 Loboy
IH Farmall H
JD 950 w/Belly Mower
JD 1050, 33 HP
JD 4020
JD 3020
JD 2940, No Cab

MISC.

JD 3800 Forage Harvester
20.8x38 Snap On Duals, Like New

PLANTING EQUIP.

AC 8R No-Till w/Liq. Fert. & Hydraulic Markers
AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 7000, 8RN No-Till Liq. Fert.
JD B Drill 17x7

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Cecilton, Md.
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SPECIAL PRICES

NEW NEW

40 H.P Tractors
AC 6080 With Cab And Air
Brady Flail Choppers r

USED COMBINES (LIKE NEW)

AC MODELS

GM-C-N-L-F WITH CORN AND GRAIN HEADS

THESE Combines Are In Ex. Condition

IT WILL PAY YOU DIVIDENDS TO CALL US NOW!

NEW AC TRACTORS

5050 A.C. 7010 A.C. 6070 A.C.
5040 A.C. 7045 A.C. 6140 A.C.
6240 A.C.

USED AC TRACTORS

7040 A.C. 7045 A.C. XT 175 7000
7030 A.C. XT 190 XT 185 D19
XT 180 7060

OTHER USED TRACTORS

MF 65 IH 340 IH 140 IH 806

LEYLAND

USED BOBCAT 5020 SKID LOADER
JD 450 CRAWLER

NI 708 UNI-SYSTEM, HYDRO DRIVE w/717 COMBINE, CORNHEAD & GRAINHEAD

USED FORAGE HARVESTORS: GEHL, I.H., N.H.

bobcat

GRUMELLI FARM SERVICE

Quarryville, Pa.
717-786-7318

DEUTZ ALLIS

MASSEY-FERGUSON

AC 5050, 4WD w/Ldr.
MH Pony Tractor
IH A w/5' Mower
JD 4-14 Plow
JD 2600, 4B Plow
Brillion 24' Trans. Harrow
NH 36 Crop Chopper
MF 4R Cultivator
IH 37 Baler w/Thrower
NH S-69 Baler w/Thrower
MF 10 Baler w/Thrower
IH 1190 M Conditioner
Hesston PT10 M Conditioner
NH 469 Haybine
Ford 501 Mower
IH 56 Blower
NH S-23 Blower
NH 27 Blower
Gehl Blower
Fox Blower
IH Grain Drill
Herd Fert. Spreader
NH 352 Grinder Mixer
IH 720 Harvester w/Heads
NH 718 Harvester w/2R Head
NH 467 Haybine

NEW HOLLAND

SCHREFFLER EQUIPMENT

Pitman, PA
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717-648-1811

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Call John Bolton or Gunther

TRACTORS

1980 JD 4440 Dsl., Cab, Air, Quad, Duals, 1600 hrs., very nice
JD 4240 Dsl., Cab, Air, Quad, 2200 hrs.
JD 4020 Dsl., WF, Side Console w/Cab
1981 JD 2640 Dsl., 1400 hrs., fully equipped, very nice
JD 2510 Gas, Row Crop
JD 2030 Dsl. Independent PTO, 1900 hrs., very nice
1978 JD 2240 Dsl. 1300 hrs., very nice
1981 IH 986 Dsl., Cab & Air, 1700 hrs., very nice
IH 3588 2+2, cab & air, 3 pt. & PTO, 900 hrs., very nice
IH 766 Dsl. w/YR Cab, very nice
Oliver 1850 Dsl., WF
Oliver 175[SOLD]sl. w/Cab, very nice
MF 165 Gas, WF, 15.5x38 Tires

CORN HEADS

JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, 4RN LP
JD 444, 4RW
JD 643, 6R 30
AC 438, 4RW
AC 430, 4RN
AC Black 430
IH 943, 4RN
IH 844, 4RW
IH 863 Corn Head, 6RN
MF 43 4RN Corn Head
MF 44, 4RW Corn Head
MF 1163, 6RN

NEW ARRIVALS

JD 410 Round Baler, Wide Belts, excellent condition
JD 337 Twine Baler, used three seasons
MF 124 Baler w/Thrower, excellent
JD 8250 Grain Drill, 14x7, Double Disk, Grass & Fert.
IH 241 Round Baler
MF 1144, 4RW Corn Head
MF 550 D, Gray Cab, Choice of Heads
1982 JD 2240 Dsl. w/MFD
1980 Ford 7[SOLD] Dsl., cab & air, du power load monitor, 1500 hrs.

HAY EQUIPMENT

JD 24T Baler w/wagon hitch
JD 327 Baler w/Bale Chute, like new
JD 336T w/30 ejector, very nice
JD 327 T Baler, baled less than 1,000 bales
JD 1209 Mower Conditioner, Late Model
NH 467 Haybine, 7', Solid Machine
JD 346 Wire Tie Baler
NH 851 Round Baler, excellent condition
NH 847 Round Baler, Auto Wrap, very nice
AC Round Baler, very good
NH 1034 Bale Wagon, Single Bale L[SOLD]ad, 105 Bale Capacity, excellent
JD 716 Forage Wagon, Tandem Axle, 3 Beater & Roof
JD 3940 Harvester, Elec. Control[SOLD]2R Head, 540 PTO
NH #90 Bale Mover
JD 35 Harvester, Choice of Heads
JD 5½' Hay Pickup
NH 474 7' Haybine, excellent
Fahr 4 Star Hay Tedder

COMBINES

JD 4400 Gas Combine w/Cab, 500 hrs., Choice of Heads
JD 4400 Dsl., Cab, Chopper, very nice, Choice of Heads
1975 JD 3300 Dsl. Rotary Screen cab & air w/grain platform, very good
1982 IH 1420 Dsl., Cab, Air, Hydro, 700 hrs., Choice of Heads, like new
1981 JD 4420 Dsl., Cab & Air Chopper, 1,000 hrs., Choice of Heads, very nice
1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
1979 JD 4400 Dsl. Cab, Air, 900 Hrs., excellent
IH 915 Dsl., low profile w/grain table
1979 IH 715 Dsl., Hydro, 23" Rubber, very nice
1978 JD 6600 Dsl., Hydro, 1600 hrs., Choice of Heads, very nice
1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
IH 715 Gas, Hydro w/Grain Head, very nice
NH TR70, Cab, Air, Hydro, Cat Engine, 13' Grain Table
Corn & Soybean Chopper to fit JD 3300-4400
JD 215 & 213 Flex Grain Platforms
MF 13' Grain Platform
IH 820, 13' Flex Head
IH 820, 15' Flex Head
Gleaner 13' Grain Platform for F or F2
JD 216 Flex Head, like new

Good Selection of Grain Tables
Financing Available on Above Machines

MISCELLANEOUS EQUIPMENT

JD 7000, 6R Cons., Liq. Fert., $4,750
IH 56, 4R Corn Planter, Dry Fert., Disk Openers
Gehl 95 Grinder Mixer, very good
NH 352 Grinder Mixer
JD Bradco Backhoe for Utility Tractors
NH Direct C[SOLD]ead for 717, 770 Harvester
18x38-18x34-20x38 Duals
Cabs to fit JD 3010-4320 Tractors
NH 676, 275 bushel Tandem Axle Manure Spreader, 2 Beaters, very nice
JD Roll Guard, Fits 1020 to 2640 Tractor
JD 400 Rotary Hoe
JD 509, 5' Rotary Mower, like new
JD 400 Bushel Grain Cart
Year Round Cab to Fit 2840 and 2940
2R 3 pt. Hitch JD Cultivator

HAY SPECIAL

New Deutz Fahr 2 & 4 Star Hay Tedders... Call For Price
Farmco Bale Wagons
#6500 Bale Wire

TRACTORS WITH LOADERS

JD 2630 Dsl. Direction Reverser w/146 Loader
Gehl 2600 Skid Steer Loader
JD 300 Gas w/Loader & Direction Reverse, 3 Pt.
JD 70 Skid Loader
OMC 14HP Hydro. Skid Loader

CORN PICKERS

NI 325, 2RN, 12 Roll Bed, Late Model, excellent
NI 325, 2RN w/Super Sheller
NI 324, 2RW, 12 Roll Bed, Excellent
NI 323, 1R, excellent condition
JD 300 Husker, Picked 160 acres, Late Model, like new

TILLAGE

IH 720, 4, 5, & 6x18 Spring Reset
IH 710, 4, 5, & 6x16 Spring Reset
IH 710, 6x16 Spring Reset On-Land Hitch Plow
IH 450, 3x16 Spring Reset
Glencoe 5' Chisel Plow w/Rake
JD 1450 5x18
JD 3 Base 3 pt.
JD BWF Rock Flex, 18' Wing Fold Disk
JD BWA 18' Wing Fold Disk
IH 500, 12' Disk Harrow
JD 210, 12' Disk

LAWN & GARDEN

JD 400 w/Mower, P. Steering
JD 214 w/Mower

1 FARM EQUIPMENT

FORD TRACTORS
New CL25 Skid Steer Loader w/Dsl. Engine
New TW 20 w/Cab, 4WD, Air
New 7710 w/Cab, Air
New 3910
New 1910, 4WD
New 1310, 1510
New 1210 4WD

NEW HOLLAND
Used 36 Crop Chopper
Used 273 Baler
Used #7 Forage Box

NEW IDEA
New NI 406 Rake
Used NI 270 Cutditioner

OTHER EQUIPMENT
New Ford 241, 12' Disc Harrow
New Ford 133 High Clearance Chisel Plow
New Ford 208, 12½' Field Cultivator
Used Ferguson T030
Used Farmall H
New Glencoe 12'9" Finishing Harrow
New Glencoe Soil Saver Stretch 7 Shank
New Glencoe Soil Saver 5 Shank
New Amco Heavy Duty 12' Disc Harrow
Used Windrow PU & 2R Corn Head to fit IH 550 Harvester

"NEW" NEW HOLLAND
38 Crop Chopper
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853 Round Baler
411 Disc Bine
NH Manure Spreaders
790 Forage Harvester

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NEW EQUIPMENT IN STOCK SELLING AT COST

MF 212 Bale Thrower, $2,275
MF 585 8½' rake, $2,250
MF 1144 corn head, $8,500
Pequea 8 ton running gear, $865
Kuhn 10' pull type tedder, $1,450
Vicon 4 wheel rake, $728

Full Warranty On All New Equipment

USED EQUIPMENT SOLD AS IS

MF 254, 4WD Tractor
MF 1010, 4WD Tractor
Terrain King Mower
MF 124 Baler, $1,000
MF 1014 Loader w/48" bucket
JD Grain Drill, single disc, 13 run
Zweeger 5' 3 pt. disc mower, $1,000
MF 1085 diesel tractor, $6,000
1977 MF 750 combine, 1,405 hrs w/grain table, $15,000
1977 MF 760 combine, 968 hrs w/grain table, $15,000

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TRACTORS
AC 190XT
AC 7000
AC 7020
AC 7040
AC 7060 w/Ldr.
MF 2745
AC D17 w/Loader
Case 930 CK
AC 505 SOLD Ldr.

BALERS
NH 855 Round Baler
NH 282 w/62 Thrower
NH Super 67 without Thrower
NH 315 w/70 Thrower
Hesston 4800

MISCELLANEOUS
Brillion Pulverizer
AC Disk
NI 325 Corn Picker
NH 90 Bale Handler
IH 4R Cultivator Rear Mtd.
NH 1044 Bale Wagon
Brillion 9' Chisel Plow
JD 90 Skid Loader
NH Cub Grinder

FORAGE EQUIPMENT
NH 1890 Hydro C/A w/3RN & PU Head, 550 hrs.
NH 1495
NH 892 w/4 Heads
NH 770 w/WPU
NH 28 Blower
(2) NH 30 Blowers
JD 3960 w/3RN & WPU
JD 5400, 3RN & WPU
Field Queen w/3RN, 2RW & WPU
Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

COMBINES
AC F w/Grain Head
AC C II w/2 Heads
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2 Combine

MOWERS
Triumph Sickle Bar
JD & Oliver
Wood 121
NH 463 Disk

PLANTERS
JD 7000, 8R
AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
AC 333, 6RN

MOWER CONDITIONERS
JD 1209
NH 479
NH 488
NH 489
NI 279 Cutditioner

LAWN & GARDEN
Wiz SOLD HP
Case w/Mower
AC 410 Tractor w/Ldr.
AC 830
Cub 123 w/Mower
Cub w/Ldr. & Blade
Cub F w/Mower & Blade
Unico 12 HP
AC 811 w/Mower
Homesteader 208
JD 112
AC B112

SPREADERS
NH 519
NH SOLD

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IH 856, WF, 3 PT, 2 shafts, TA, partial cab, $5750

BALERS
NH 68 with steel wheels
JD 24T with thrower, nice, $1150
NH 275 w/Super Sweep
NH 276 with #53A thrower, $1650

MISC.
NH #53 PTO Thrower
Int. #10 Bale Thrower, Nice
MF 72 Self Propelled Combine, 10' Head
IH 990 Hyabine, Real Nice
20' 2 Axle Tag-Along Trailer, $850
JD 38 Harvester w/pickup head
JD #60 Blower
Wisconsin VE4 Motor

BALERS FOR PARTS
NH 66, 67, 68, 69, 78 & 269
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IH 27, 37, 45, 46, 47

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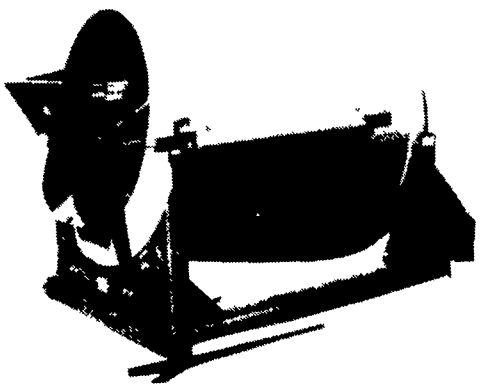

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TRACTORS

NEW JD 2950 W/CAB & AIR WITH MFWD

1981 4440 Quad, fact. cab & air
1980 4240 Quad, fact. cab & air, very nice
JD 4240, PS, fact cab & air
JD 4430, cab, air, quad range
JD 4320 w/factory cab, dual hyd. & diff -lock
JD 4020 Dsl , late side console model
JD 4020 gas, WF, 3 pt.
JD 830, 2 cyl. w/PTO, nice
JD 720 gas, 3PT
JD 5020, needs engine work, good cond
JD B
IH 4166 cab & air, 3PT & PTO, 2300 hrs , very nice
IH 986 w/cab & air, new TA
IH 986, 4-post roll guard.
IH 1466, factory cab & air, dual PTO & hydraulics
IH 1066, engine overhaul, very nice
IH 1066 fender tractor
IH 966 fender tractor
IH 856 Dsl., 3 pt , WF, fender tractor w/new TA
IH 806, WF, 3PT, diesel, nice, late model
IH 756 gas, WF
IH 706 gas, NF, late engine, very nice
IH 684, MFWD, TA, low hrs , 1983 model w/2250 ldr.
IH 684 SOLD
Farmall 560 dsl , WF, SOLD tch
Farmall 300 w/cult.
Farmall 230 w/fast hitch & cult
Ford 5000 Dsl , 8-speed gear drive w/roll bar
Ford 5000 Dsl., general purpose
MF 165 diesel, 1 owner, 1,475 hrs , 1973 model
Case 1030
Case 730 D, 3 pt , cheap
AC G w/cultivators

HARVESTING EQUIPMENT

MF 550, gray cab & air, late model, low hrs, nice w/13' head, U2 reel
JD 4400 dsl., late model, 1100 hrs, nice
IH 715 dsl., cab, quick tach
NI 801 fact. cab & air, rear wheel assist
NI 709, cab, air, hydro, late model
NI 704 Gas, late model
NI 703 gas, inline 6 cyl.
NI 702 Gas w/cab
NI 701 Inline 6 cyl , g SOLD able speed, cab
(2) NI 717 Combines
NI 710 Combine w/711 Grain Head
(2) NI 838 Huskers, 16 roll, one very low acreage
NI 737 Husker, 12 roll
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 766 Hay Pickup
NI 760 Chopper
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head
NI 843 N, 3RN
NI 744 N, 4RN
NI 3 & 4RN Hds
NI 2, 3, & 4RW hds
NI 769 Flail-mate for Uni Chopper
NI 325 2RN, 8 roll husking bed
NI 323 Picker
MF 44, low profile, 4RW
MF 13 grain head
IH 650 chopper w/corn & hay head
IH 843 4RN corn head

IMPLEMENTS

IH 400 no-till planter, 4RN
IH 6000 Conservation til chisel, 13-tooth
New Badger 12 ton tandem running gear
Loader for IH tractors 06 thru 66 Series
JD 110 Disc, 14'
JD AW Disc, 14'
Glencoe Soil Saver, 7-tooth, like new
Glencoe Soil Saver, 9-tooth, like new
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice

MISCELLANEOUS

IH 2001 Loader
Dual wheels - 34 s and 38's
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JD Adapter for High Moisture Ear Corn for JD Chopper
1957 Dodge 500 straight truck $500

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IH 706 Diesel
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J.D. New JD 2950 w/R.G.; 4440 C.A.P.S. - Real Nice; 4440 PS w/ROPS; JD 4240 C.A.P.S.; Used JD 4240 C.A., Q.R., 1400 hrs.; Local owner, looks like new; 4240 Q.R. $15,500; JD 4240 QR, ROPS; JD 2940 w/F.W.D. & 260 Loader, Low Hours; JD 2940 w/FWD & Roll Guard; 1977 JD 4230 C.A., Q.R., sharp, 2200 hrs.; 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; JD 4630 C.A.P.S. w/new tires; 4630 SR w/Cab & Air; JD 4430 CA QR w/front wheel assist; JD 4430 C.A.Q.R.; JD 4430 CA; 8 SP; 4230 C.A.Q.R.; JD 4040 PS w/R.G.; JD 4030 w/creeper trans.; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; 4520 w/Factory Cab; JD (5) 4020's 1964-1972; JD 4020 PS; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; 4020 w/58 Loader; 3020 D. S.C., W.F.E.; JD 3020 Dsl., WF; JD 3020 D Tricycle; 2520 Dsl.; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; JD 2020 Dsl. w/#47 Loader; 4010 D w/new clutch; 630 Gas; JD 430 Utility w/3 pt.; JD 2020 Gas w/L; JD 4010 D., good; JD 4010 Gas; JD 2510 Dsl.; 630 Gas, 620 Gas, 620 LT, 70 w/loader.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 3588 2+2 CA, 1400 hrs.; 786, one owner, original; 3288 CA, 670 hrs.; 1086 CA w/Dual Whls., original; 1586 C.A. Nice; 1586 w/R.G.; 886 w/R.G.; IH 686 Dsl., original; Farmall 1066 C.A., original; IH 1066 Cab & Duals; Hydro 70; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; IH 1466 C.A., as is; IH 1466 Fender, new motor, nice; 1066 Hydro - Original; 966 Original; 766D.; IH 584 Dsl.; 674 D.; 574 D. w/Loader; IH 574 U Gas w/2000 Ldr.; IH 544 Gas w/#2000 Loader; Farmall 544 Gas, WF, 3 pt.; 656 Gas; 806 D - $4,750; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 706 D. - W.F.E. - 3 pt. - $5,000; F706D., WFE, 3 pt.; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; IH 240 Utility; F560 D w/Fast Hitch; F560 Dsl., WF; (2) F450 Gas, Tri., F.H.; Super A w/Sickle Mower, Plow & Cultivator.

New AC 8050 C.A., P.S., rad. tires, fully eq.; Used AC 8010 C.A., P.S. w/F.W.D.; used AC 6080 w/R.G.

A.C. New AC 6080; 7045 C.A., 20SP; 7040 C.A.P.S., Like New; 210 - New 20.8-38 Tires; AC 200 D original; AC 220, real nice; XT190D. w/3 pt.; AC WD 45 w/P. Steering

CASE Case 1594, P. Shift, low hrs., like new; Case 2590, CA, PS, 1600 hours; 1370 C.A.P.S. Factory Duals; 2090 CAPS, $14,800; 93[SOLD] w/3 pt.; 730 Gas T[SOLD]e; 830 Gas, WF, 3 pt.

M.F. 2705 C.A., 24SP, Duals, real nice; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1977 MF 1135 CA, Duals; MF 175D; MF 1130; (2) MF 1100 Dsl.; MF 180 w/loader; Ferguson 35 Dsl.; Ferguson TO 30.

FORD TW 35, used 150 hrs., local trade, like new; Ford 7600 w/Cab & Dual Power; Ford 4600 Dsl. SU w/772A Ldr.; Ford 4000 SU w/PS; Ford 4000 Dsl., original paint; Ford 3000 Gas w/8 SP; County Super 6, 4WD w/3 pt.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.

WHITE (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $18,900; White 4-150 4WD Cab & Air, 2800 hrs.; White 2-135 CA.

MISC. Versatile 500, 4WD, 3 pt. & PTO; M.M. Vista G1000; Long 460 Dsl., 4WD, w/loader: Deutz 8006, 4[SOLD]/Cab.

Tractors & Equip. Just Traded:

JD 2440; White 212-105 CA; JD 3020 Gas w/Schwartz Motor, as is; F560 Gas; F450 Dsl.; F504 Dsl.; F100 High Clear; IH 04 Orchard; (52) Ford 8N; Noble and MF 6R S Tine Cultivators; JD 8' Direct Cut Head; IH 2000 Loader; JD 215 Rigid Head; Kinze 4R No-Till Planter; Woods RM 59 finishing mower, like new; IH 444 w/Loader; JD 337 Baler w/thrower, used 2 seasons; AC 7060 CA w/Duals; IH 3488 CA Hydro, hard to find; Ford 8600 w/cab; JD 4440 CA, QR; JD 7000, 6R Cons. w/Dry Fert.; JD 210 Disk; Woods 8' rotary Cutter; Case 580 Dsl. Loader Backhoe; Field Queen Side Dump Wagon.

COMBINES w/Good Selection Of Heads: We have 18 late model, very nice, local, one-owner combines.

1981 NH TR85, 4WD, full equipment.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new.

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs. Just out of field working, $47,500; M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice; JD 7720 and 6620 available with 4WD.

JD (81) 6620 4WD, real nice; JD '81 Model, 6620 LL, w/215 flex, very nice; JD '81 Model 6620 LL w/216 Flex, like new.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; JD (78) 7700 Turbo Hydro 4WD, real nice; 1976 JD 7700, real nice; JD 3300 Real nice w/2 heads; JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex; JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; JD (79) 4400D, CA, 23x26 Tires, real nice w/213 & 444; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 C.H. & 15' grain for, $41,500; MF 550 D., C.A., low hrs.; 55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for $5,500; IH 105 Combine w/Cab; IH 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; Nice.

N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers.

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NEW IDEA CORN PICKERS
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Truckloads of 1R #323 & 2R #324 Pickers.
Also Super Shellers & truckloads of parts.
Save 40 to 50%
Dealers Welcome Also
NEW IDEA
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CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; 444.

I.H. 863, 844, 843, 833, 744, 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, L438, M430, F430, KF335, F330.

M.F. 1163, 1143, 63, 44, 33, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 4 & 6 row.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 218 Flex.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10', G15'.

N.I. 713 Flex Or Rigid.

CORNPICKERS: '(Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; NI 323, 1R Picker.

New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

JD 3020 w/NI 319 mtd. 12 roll picker, very nice.

PICKER: NI 311, 2R picker priced right.

Ford Blue, 1R side mtd. picker, real nice; IH 1PR Picker.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 3R 30" & 3R 34 & 38" rows, like new; Silage heads & 7' hay pickup heads; 34; Burnt JD 3960 Chopper w/2R Corn Head.

N.H. S717; NH 880 w/2RN C.H., real nice; NH 782 w/heads; NH 770 w/heads; 3 NH Super 717 w/1R C.H. $1,000; NH 718 w/1R or 2R C.H.; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.

GEHL 1200 w/3R C.H. & pickup.

GEHL 600 w/2R.

FOX 2000 chopper w/3 heads.

FLAIL CHOPPERS: Used NH 38 & 36; (2) JD 16A Flail Choppers, one like new; Bearcat 72A Flail Chopper.

FORAGE WAGONS: NH #8 forage wagon; (2) Gehl 920 Forage Wagons.

HAY EQ.: BALERS: J.D. 336 (SOLD) & 346T w/Thrower; JD 410 Round Baler; New NH 315 Baler w/75 Thrower; NH 320 w/#70 Thrower, $5395; NH 420, real nice; NH 275 & 273T w/Thrower; N.I. 456 Round Baler; N.H. 851 Rd. Baler; MF 124 Baler w/Thrower; Vermeer 706 Round Baler; Ford 509 Baler.

RAKES: New NH 258 Rake.

J.D. 660 w/Dolly Wheel; IH 35 Rake; IH #15 Rake; New Deutz Fahr 17' Hay Tedder, $2,500; Used Grim 17' Hay tedder; New Pequea hay tedder, $1,285; New Kuhn 6 Star Hay Tedder; (Used) Grimm & Pequea 7' Hay Tedders.

HAYBINES: NH 495 Haybine, real nice; (Used) 489, 488 Nice; 479, 478; 472 7' (Nice) like new; NH 477, 7' for $2,350; IH 1190 Haybine; JD 1380 Hydro Swing Haybine; IH 990 haybine.

(Used) M.C. 7E; MC9E Rotary Scythe; (2) NI 272 Cutditioners; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; NH 822, 2R for 770 or 890; NH 880W PU.

J.D. 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 3 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX Fox 984, 4R Silage Head; 2 CSB 2RW - Snapper Head; 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

PLANTERS: JD 7000, 12R Front Fold Planter, Dry Fert. w/No-till, full equipment; JD 7000, 4R; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; JD 4R Cons. w/Dry Fert. & Insect.; JD 7000, 8R w/Liq. Fert. & Insect; JD 1240 plateless, nice; IH 800, 8R Liq. Fert.; IH 800, 6R Dry Fert.; IH 400, 6R Dry Fert. w/No-Till; IH 400, 6R Liq. Fert.; IH 56, 4R Planter.

WHITE 5100 - 6R Dry Fert.; White 5100 6R Planter, Liq. w/No-till; 5400, 6R, Dry w/No-Till.

DRILLS: JD 8300 (Like New) 100 Acres; 21x7 D.D. w/Soybean Att.; JD 8300, 21x7 DD w/Press Wheels; JD 8200, 18x7 DD Drill; JD 8300 23x7 Drill.

IH 5100 21x7 Drill; J.D. 8350 21x7 D.D. w/Fert. & Seed; JD 8250 Drill w/Seed, 21x7 SD; Crustbuster 3 pt. Drill; Brillion 8' & 10' Seeder.

GRINDERS/MIXERS: IH 1150, nice; Gehl 115 grinder mixer; Farmhand 880 Big Tub Grinder; (2) NH 352 Grinder Mixers.

BLOWERS: JD 6500, nice.

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; JD 2500 4x18 Reset; I.H. 5x16 Semi-Mount w/Spring Reset; IH 510, 6X; IH 540, 4X; IH 720, 5X Toggle Trip; OLIVER 546 - 5x16 Spring Reset; Oliver 565 4x Plow; I.H. 700 - 6x16 Spring Reset; JD 3200, 6x Reset; Oliver 6x Reset; WHITE 549-7x sp. reset; J.D. 7x; M.F. 6x on land hitch; JD 2800, 7X Variable Width On-Land.

CHISEL PLOWS: Brillion 8', 9' & 10'; I.H. 55-12'; (2) 7' 3 pt. chisel plows; Bush Hog 10' Chisel Plow w/Buster Bar; Brady 10 & 14' Chisel Plows.

DISCS: Miller 10' Offset; White 281, 12' offset Disk; Miller 14' Offset Disk, like new; JD 230, 18 & 20' Hydraulic Fold; Taylorway 16' Rock Flex Wing Disk; Bush Hog 18' Hyd. Fold Disk.

MULCH TILLERS: Glenco SS18 Fold Soil Saver; Glencoe SS13 Hyd. Fold Soil Saver; (2) J.D. 1710 - 11'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD 10' & Brillion 12' & 15' cultimulchers; Used JD 12' Roller Harrow.

CULTIVATORS: Ferguson 2R 3 pt. Cultivator; JD 4R Front Mount Cultivator; (4) JD RG 4 Cultivators; JD & IH 6R 3 pt. cultivators; Case 6 to 8R 3 pt. hyd. fold cult.; J.D. 1000-25' - Hyd. Fold.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; (2) Howard 13' Rotavator; Knowles 16' wing trans. harrow, used 4 acres; Brillion & JD 20' Wing Harrows.

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost; Used 400-15'.

INDUSTRIAL: CRAWLER LOADERS: A.C. H-3 w/6 Way Blade; J.D. 840 Self Loading Scraper; Case 310 Crawler Loader; Case 584 D. Fork Lift.

1978 Case 580C Dsl. L, B w/ROPS & Cab; AC 715B L & B.; IH 3514 Loader Backhoe; Case 580 Gas w/Ldr. & 3 pt.; Clectrac crawler w/blade; JD 1010 Crawler w/Blade & PTO.

LOADERS & BLADES: J.D. 48, 58, 148, 158, 36, 245; IH 2000, 2250, 2350, 2355 (New); NI Loader; Schwartz loader for Case 730; Schwartz 1400 loader; Artsway HD loader for 4WD; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; NI 4R shredders; Brady 4R shredder.

LAWN & GARDEN: JD 850 D w/Belly mower; JD 330 D., like new; (3) IH Cub 154, Cub 184 Lo-Boy; Satoh 650 w/3 pt. & PS; Cadet 782; Cadet 682; Cadet 1250 & 1450, 149, 128; J.D. 314, 317, 216, 214, 212, 210, 140, 130, like new, 111, 108 w/bagger; AC 710 & Case 444 Riding Tractors.

Trailer load of (New) Killbros Bins & Running Gears Ficklin 300 Gravity Bin w/Running Gear & Auger Unload Martin Scavenger S 1678 Tandem Axle Spreader Farmrite 500 gal Sprayer New Demco 500 gal Sprayer John Blue 1000 Tandem Axle Sprayer Full equip like new Rex 400 Gallon Sprayer JD 600 Hi Boy Sprayer Artsway 155 Feed Wagon like new Artsway 850A Wagon w/Scales Gehl BF190 Feed Wagon Badger Liq Tank like new Arps 3 pt snow blower Bestland Rock Picker Woods 106 Ditch Cutter IH 115 Side Mount Mower NH 450 3 pt Sickle Mower Ford Sickle Mower (New) Sidewinder 213 13 Rotary Cutter Brillion R144 12 Rotary Cutter (New) McKee Snow Blower Front Mount NI 622 Blower JD Quick Couplers Sets Of Press Wheels For J D Drills JD 42 Cast Wheels and Tires (2) New Sets J D 38 Cast Whls & Rim For 4640 I H Flat Top Fenders For 706 1466 CABS For Tractors J D I H 66 Series (New) Full Vision Cabs For M F 275 & 285 J D & I H Front & Rear Wts JD 243 Corn Head w/Adaptor Plate

J D Roll Guards Fast Hitch for 560 & 450 JD belly mowers for JD 850 & 950 etc

Heavy Front JD blade for 3020 & 4020 etc 20 sets of Dual Wheels

STRAW CHOPPERS For J D 4400 6600 6620 7700 M F 510

MECHANICS SPECIALS TRACTORS J D 4230 P S Trans 4020 Tri 4320 w/Cab JD 4230 w/fir[SOLD]ed cab

I H 1256 Motorwork $3 950

CASE 1410 Motor

AC XT190 clutch $3 950 JD 4520 w/Cab $6 950 Farmall 1586 w/fire damage cab

Tractors & Equip. Just Traded:

JD 2440; White 212-105 CA; JD 3020 Gas w/Schwartz Motor, as is; F560 Gas; F450 Dsl.; F504 Dsl.; F100 High Clear; IH 04 Orchard; (52) Ford 8N; Noble and MF 6R S Tine Cultivators; JD 8' Direct Cut Head; IH 2000 Loader; JD 215 Rigid Head; Kinze 4R No-Till Planter; Woods RM 59 finishing mower, like new; IH 444 w/Loader; JD 337 Baler w/thrower, used 2 seasons; AC 7060 CA w/Duals; IH 3488 CA Hydro, hard to find; Ford 8600 w/cab; JD 4440 CA, QR; JD 7000, 6R Cons. w/Dry Fert.; JD 210 Disk; Woods 8' rotary Cutter; Case 580 Dsl. Loader Backhoe; Field Queen Side Dump Wagon.

JULY SPECIALS

TRACTORS	
JD [SOLD]s	$ 3 850
JD 2010 Gas Trl P S	$ 1 925
JD 5020 w/Duals as is	$ 4 500
JD 3020 D Tricycle	$ 4 950
JD 4620 w Cab Good Cond	$ 9 500
JD 6030 Cab & Air (175 HP) Nice	$12 950
JD 2940 w Hi Lo 2 Post R G	$12 500
I H 706 Gas Trl F H	$ 3 250
IH 706 D WFE 3 pt	$ 4 950
I H 1206 W F E	$ 5 950
Case 1976 1370 C A P S Duals	$ 9 950
M F 1100 Diesel w Multi Power	$ 3 750
COMBINES	
J D 6600 Gas w Cab (Needs Some Motor Work)	$ 4 500
I H 203 w 13 G H & 227 C H	$ 1 950
IH 76 915 D Cab & Air Turbo Hydro w 15 grain	$12 800
NH TR70 Cab & Air Hydro Good Condition	$11 750
M F 510 Diesel w Cab & Q T Grain	$ 5 875
TILLAGE EQ	
New Landoll 230 22 Hyd Fold Chisel List 11 000+	$ 7 450
New DMI 12 Chisel Pull Type	$ 2 350
Glencoe 13 Chisel	$ 1 250
Ford 142 6x Spring Reset Plow	$ 1 750
IH 700 6x Spring Reset	$ 1 975
Kewanee Wing Disk 20	$ 1 350
AC 26 Folding Disk	$ 3 450
MISC	
New JD 8300 16x10 DD Drill	$ 3 500
J D 336 W E[SOLD]hrower Real Nice	$ 4 450
N H 280 Wire Baler w Motor	$ 995
Fox Super D Self Propelled Chopper w 2RW Corn head	$ 4 000
IH 5 Flail Chopper	$ 595

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K COMBINE, AIR FLO, GRAIN HEAD	$3,000
MKS, AC, GRAIN HEAD	$8,000
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1984 MF 850 Hydro with 9115 Floating 15 Ft. Grain Head and 1163 Corn Head	$58,000
1982 MF 850 Gear Drive	$29,000
1981 MF 850 Hydro	$34,000
1980 MF 550 Hydro	$15,000
1980 MF 750 Gear Drive	$24,000
1979 MF 550 Hydro	$18,000
1978 MF 760 Hydro	$17,000
1978 MF 760 Hydro	$15,000
1978 MF 750 Hydro	$16,000
1977 MF 760 Hydro	$18,000
1977 MF 760 Hydro	$19,000
1977 Gleaner "M"	$16,000
1976 MF 760 Hydro	$15,000
1976 MF 760 Hydro	$16,000
1975 MF 750 Gear Drive	$12,000
1975 MF 750 Hydro	$14,000
1974 MF 760 Hydro	$12,000
1974 MF 750 Hydro	$8,500
1972 MF 510 Gear Drive	$6,500
1969 MF 300 Gas	$4,000
1969 MF 300 Gas	$2,700
1969 MF 410 Diesel	$5,000
1966 MF 510 Diesel	$2,500
1969 John Deere 6600	$4,500
1975 IH 615 Hydro	$4,500
Like New 1144 Corn Head	$5,500
1163 Corn Head	$5,900
JD 4400 w/Burnt Cab Will Sell In Parts Or Total Of	$2,500

USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill	$9,000
MF 724 260 Bu. Manure Spreader	$6,100
Glenco 12 Ft. Transport Disc	$6,200
Glenco 9 Tooth Soil Saver	$5,900
Glenco 7 Tooth Soil Saver	$4,900
MF 351 19½ ft. Soil Finisher	$6,100
Landoll 10 ft. Soil Finisher	$3,200
Danuser Post Driver	$1,650
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
Oliver 5-16 Auto Reset Plow	$1,450
Ford 3 Pt. 3-16 Plow	$600
MF 82, 3-16 Plow	$600
MF 880 Hyd. Reset 6-16 Plow	$4,650
MF 345 Spring Reset 3-16 Plow	$2,500
MF 82 Spring Trip Plow	$1,200
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Demo Myer 8' Snow Blade To Fit Farm Tractor	
MF 66 Spring Trip Plow	$450
MF 820 Hyd. 19 ft. Wing Disc	$8,500
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MF 124 Baler	$3,200
MF 120 Baler	$1,200
MF 124 Baler	$1,500
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MF 270, 55 HP	$13,900

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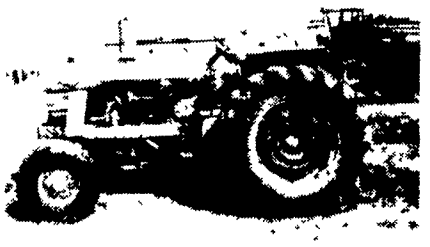
844N 4 Row 30" Corn Head	$4,500
767 Harvester	$3,300
774 4 Row 30" Harvester Head	$2,900
766 Hay Pick Up	$1,000
	$45,700
1980 760 Combine	$37,000
1984 850 Combine	$34,000
1979 550 Combine	$18,000

USED TRACTORS



USED TRACTORS

MF 1080	$5,500
Oliver 1600 Dsl.	$2,500
MF 1650 Garden Tractor w/Mower	$1,850
MF 12 Garden Tractor	$1,500
JD 4320	

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- Case 430
- Case 1030
- Case 1070
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 1200
- Farmall H w/Loader
- AC 5050 w/Loader
- AC 200
- WC Allis
- Int. 484 w/Loader

LOADERS
- Case 580B Loader
- Case 1845 Diesel
- Case 1737 Loader
- Case 450 Crawler Dozer
- Case 1830 Uni-Loader

TILLAGE
- IH 3-16 Plow, Auto. Reset
- IH 370 Disc, 10 Ft
- Int. 2-Bot. Trailer Plow
- Case Disc Harrow, 10'
- Case Field Cultivator
- Oliver 22' Disk
- Oliver Disk
- Used Cultipacker
- 10 Ft Cultimulcher

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- Hesston 2000-100 Harvester
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- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Sheller
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 717 Harvester
- Gehl 800 Harvester
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- NH 469 Windrower
- NH 479 Windrower
- Hesston PT 10
- Hesston 1010 Windrower
- Case Hay Rake
- NI 456 Round Baler
- NI 484 Round Baler

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- Martin Equalizer
- King Wise 32' Elevator
- Smoker 24 Ft. Elevator
- 36 Ft. Portable Grain Auger
- Gehl 99 Blower
- JD Blower
- IH 56 Blower
- Int. 56 4-Row Planter
- MF 33 Grain Drill
- IH No. 10 13-Disc Drill
- 4-Row Cole Corn Planter
- 6 Used Spreaders
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
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- IH 595 Spreader
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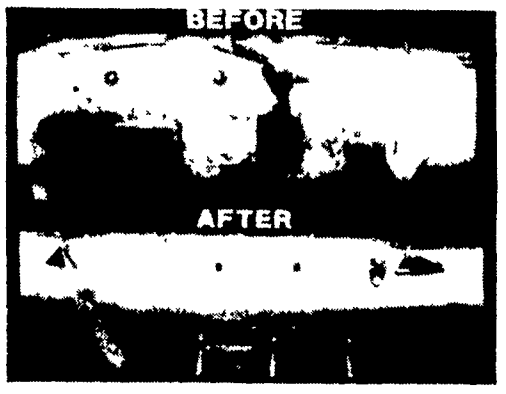

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Case IH 2294 — 2WD — Cab
Case IH 385, 4WD
Case IH 585XL — Factory Cab — 2WD
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Case IH 1594, 4-Wheel Drive, 2 Post ROPS w/Power Shift
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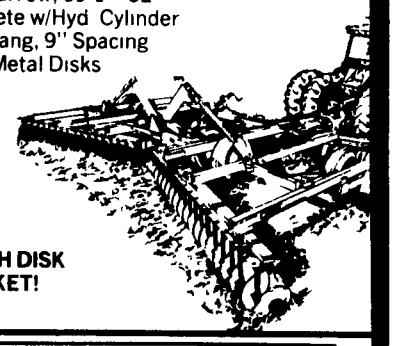

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Cub Lo Boy w/Fast Hitch Mower, Plow, Blade & Cult.
IH 300 Utility
IH 350 Utility
MF 135 gas, low-profile orchard tractor
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JD KBA Disk, 9' – $750
JD BWA 12' Disk
Krause 1740 Heavy Duty Disk, 36 Disks, Cushion Gang
IH 37, 35 In Various Sizes
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IH 3 Pt. Hitch 2-Bot. Plow
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IH 815 Combine w/810 Head
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IH 863 6-row Cornhead Real Nice!
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744 Wide Cornhead for 715, Ex. Cond.
743 Narrow Cornhead for 815, Ex. Cond

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IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform

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PLANTERS:
IH 56 4-Row Planter
IH 2-Row Fast Hitch
IH 658 6-Row Narrow Dry Fert.
400 6-Row Cyclos For Parts or Field Use
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JD Van Brunt 13x7
JD FBB 17x7 DD
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IH 35 Hyd. Drive Rake
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IH Direct Cut Head For 15 or 16 Chopper
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Ag Tech 8 Ft Box Scraper w/Hinged Back List $850	(One Only) $650
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Meyers No 518 SF 18 Ft Box, 3 Augers	$4,995
John Blue L74 Sprayer, 500 Gal Poly Tank, 40' Truss Boom, 4900 2-Piston Pump, PTO Cent Agitation, 12 5Lx15 Tires, Weathered Demo Unit	$6,295
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John Blue Quick Attach Saddle Tanks, 260 Gals	Best Offer Over $995
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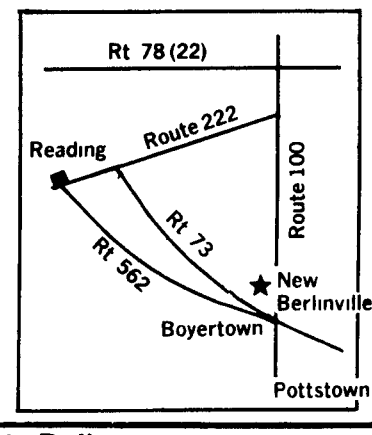
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip



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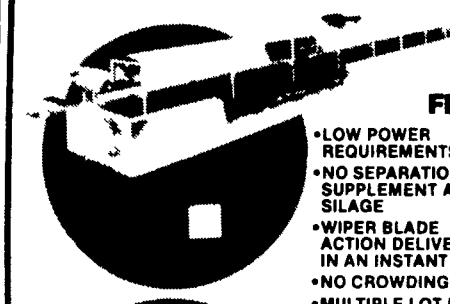
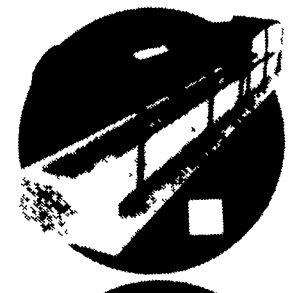


BELT FEEDER
- LOW POWER REQUIREMENTS
- NO SEPARATION OF SUPPLEMENT AND SILAGE
- WIPER BLADE ACTION DELIVERS FEED IN AN INSTANT
- NO CROWDING
- MULTIPLE LOT FEEDING



16" TRAVELING BELT
- LOW HORSEPOWER REQUIREMENTS
- NO SEPARATION OF MIXED FEEDS
- MULTIPLE CAPABILITY CONTROL BOX

16" BELT CONVEYOR
- HIGH VOLUME
- SPRING LOADED TIGHTENER
- DRIVE OPTIONS AVAILABLE

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NEWVILLE PENNA 17241

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With 4 RN or wide corn head, 13' grain head, all in excellent condition.

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  - Conveyors - Auger & Single Chain, Belt
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  - 1500 Gal to 4500 Gal
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- Red Top Stainless Steel Trough Cattle Waterers
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WARNING, ALL SILO OWNERS

Check Your Silo For Bad Staves or Rotted Concrete From Corn Juice. Also Check Plaster, Unloader Cables, Unloaders, Etc.

If You Have A Problem - Don't Fill It - Get It Fixed, Or Check Your Insurance Policy.

A Silo Is A Building That Needs Maintenance To Stay There

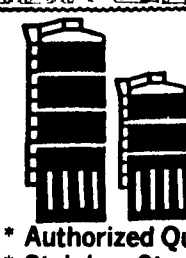
This Public Service Message Courtesy Of:

Lancaster Silo Co., Inc.

2008 Horseshoe Road
Lancaster, Pa. 17601

717/299-3721

BADGER'S AGRI SERVICE



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- Star "Topper" Silos
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They work long and hard, won't lay down on the job.

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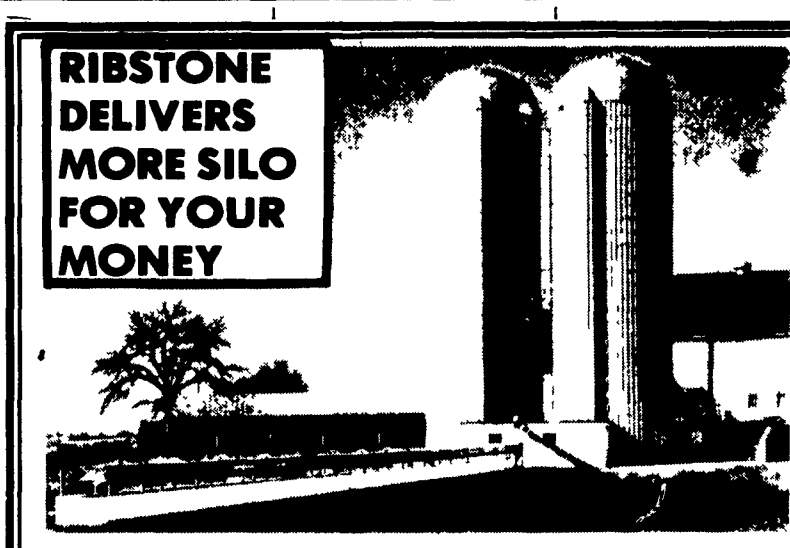

CONSIDER THESE RIBSTONE SILO FEATURES:

- * Double-sealed walls.
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- * Extra-heavy steel hoops
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- * Concrete chute
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Solid Ways To Improve Your Farm

Consider The Many Advantages Of Concrete

CONVENTIONAL SILOS

Since forage quality is so important to today's dairy farmers, it is very important to consider factors that might improve that quality.

Many farmers are finding that an upright silo is a good investment because of increased feed value of haylage. Samples of wilted hay from University forage analysis programs are running about 4 percentage points higher in crude protein than the average hay sample.

Are you having trouble making hay in this damp rainy weather? Think about your 2nd cutting. Maybe we will still have time to get a silo erected so that you can store your feed properly & with less loss due to weather.

There is no better upright silo than a poured Sollenberger Silo! The strong, smooth walls reflect heat so that your forage protein doesn't suffer from heat damage.

You will appreciate the quality of a Sollenberger Silo, and "your cows will just love you" because of the high quality feed.

A Sollenberger Silo keeps feed good, and unloads easily, at the 50%-58% moisture level.

TOP UNLOADING
20'x72'

LOST ACRES FARMS
THE WADES
OXFORD, NY

- Solid 6" Poured Concrete Walls
- Horizontal and Vertical Reinforcing Steel (Exceeds ISA Standards)
- Concrete Chute - Poured with wall
- Redwood Doors - Large 24"x32"
- Fill Pipe
- Outside Galvanized Ladder With Safety Cage
- Many Extras To Reduce Maintenance Costs For Many Years

BOTTOM UNLOADING SILOS

BOTTOM UNLOADING
2, 24'x80'

WINDY HILL FARM
TITUSVILLE, PA

Forage and Grain Silos

- Laidig 43-For High Moisture Shelled Corn - High Moisture Ground Ear Corn - And Other Grains
- Laidig 98 - For Grains And Forages
- Laidig 198 - For Those Big Silos And Tough Unloading Jobs.

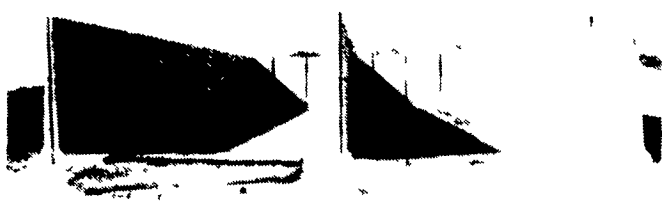
- ✓ Smooth 6" Poured Concrete Walls
- ✓ Sure-Seal Filling System Opens And Closes From The Ground
- ✓ Safety Rail Around The Poured Concrete Roof
- ✓ Enclosed Gooseneck
- ✓ Many Other Features
- ✓ Flying Dutchman Unloader Available

PRE-CAST BUNKER SILOS

"THE ECONOMICAL CHOICE" STORAGE FOR ANY FORAGE

Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges, It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base.



- Outside Walls
- Center Walls
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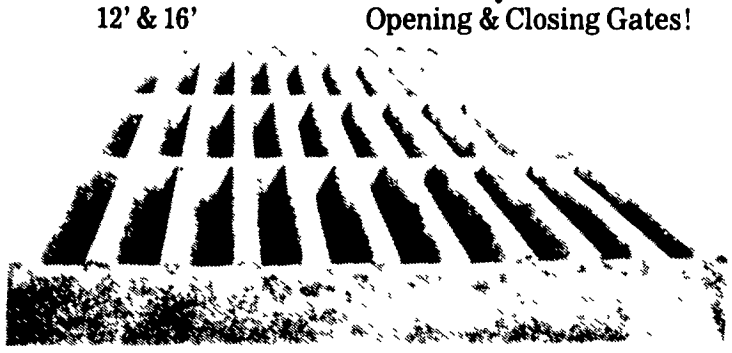
- 8'6 ' high
- 5'2" Wide
- 5000 P S I Steel Reinforced Concrete
- Adaptable To Head gates Or Self Feeders
- Very Strong
- Can Be Used For Retaining Walls
- Many Industrial Bulk Storage Uses

PRE-CAST CATTLEGUARDS

Two Sizes To Meet Your Needs: 12' & 16'

Put An End To That Pesky Chore Of Opening & Closing Gates!



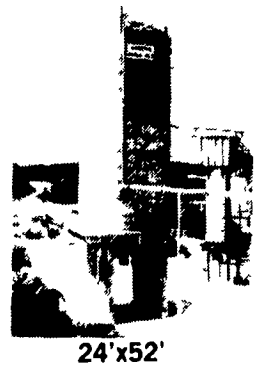
INDUSTRIAL SILOS

Common Uses:

- Wood Chips • Sawdust
- Bark • Sand & Aggregates
- Coal • Grains • Meals
- Plastic • Water & Liquids
- Any Flowable Materials

Advantages:

- Designed according to your specific needs by registered, professional engineers
- Lower construction cost
- Standard 6" steel-reinforced, poured concrete walls
- Smooth, leak proof walls
- Maintenance free
- Concrete wall reduces product freezing in winter and heating in summer
- Lower fire insurance costs



24'x52'
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You Spend A Lot Of Time And Money Producing And Storing Your Good Feed Crops. Don't Just "Get By" With A Feeding Bunk That Wastes Feed Or Is About Worn Out. Your Best Choice For A Feed Bunk Is Pre-Cast Concrete.

SLANT BACK J BUNK H-BUNK

Let Us Know Your Needs We Can Deliver From Our Large Inventory And Set On Your Prepared Site OR We Can Load On Your Truck To Help Save On Freight Costs We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out

MANURE STORAGE SYSTEMS

- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.

Don't Delay Too Long! Our Schedule For 1987 Is Rapidly Filling Up.

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City/State _____

Zip Phone _____

Best Time To Call

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2. Top Unloading Concrete Silos
3. Upright Bunker Silos
4. Manure Pits
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MF 65 radiator. 717-668-1399.

WANTED: For parts, MF 165 diesel tractor. 814-466-6589. Early Mornings or Evenings.

WANTED. Pitmanless 7' sickle bar mower. 717-848-4949

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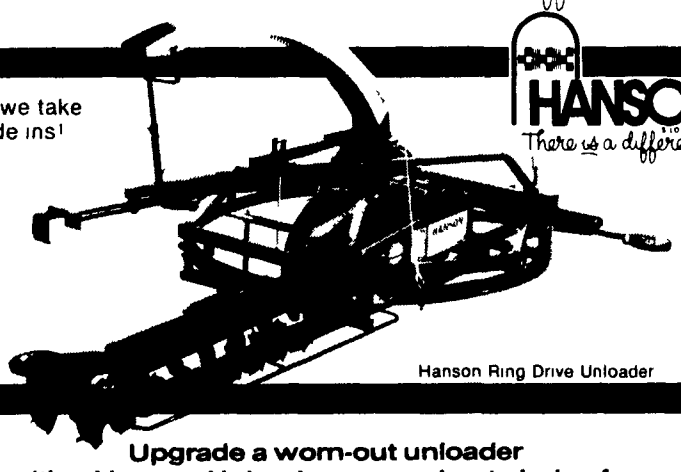
For The Do-It-Yourself Farmer

Order Your Unloaders -
Pick It Up - Install It Yourself
And SAVE - SAVE - SAVE

Make Your Next Silo Unloader A Hanson. There is a difference

Yes, we take trade ins!

HANSON
There is a difference



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Upgrade a worn-out unloader with a Hanson Unloader — your best choice for:

Quality — and the latest technology, like the SS 428 Turbo Stainless Steel Blower package
Rugged Dependability — handles even frozen silage with ease
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(Available in surface drive, ring drive, and independent ring drive)

We Also Have Great Prices For Those Who Would Like Delivery & Installation.
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FARMERS Don't Wait Until The Rush Starts If You Have Suspension Cables And Goose Necks That Need Repair - Call Now.

Van Dale Unloaders Rebuilt
Basic Units 12, 14, 16 & 20 ft.
$2,000 F.O.B. Lancaster
56" Silo Blower $1,000

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Your Choice $500
P&D, Silomatic, Jamesway, Volumatic I, Starline. Basic Units FOB Lancaster

Is Your Silo Beyond Repair?
Not With Shot-Crete From Lancaster Silo.

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JD 5440 Chopper 2 yr. old, 4WD, 3 row narrow, & 7 ft. pickup heads, air conditioned ~~$32,000~~ Call
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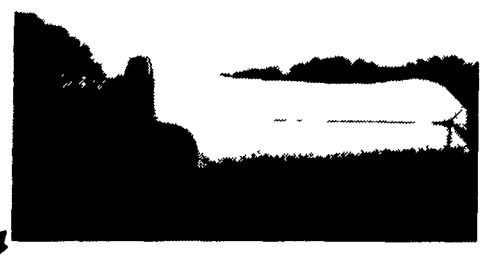
AGRI-PAC

INTRODUCES

AGRI SILAGE BAGS



For Chopped Feeds
- ☐ Low Capital Investment
- ☐ Big Dollar Return
- ☐ High Capacity
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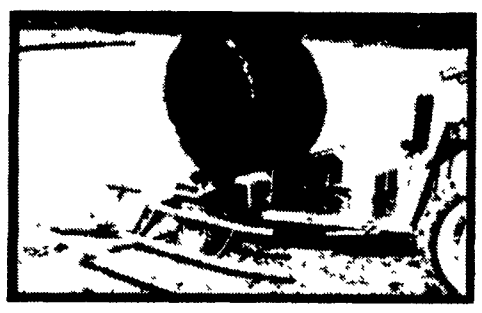
- ☐ Any Moisture
- ☐ Machine Rentals Available In Some Areas

DIST. REPS & DEALERS WANTED IN SOME AREAS

THE Silawrap SYSTEM



This is the SILAWRAP system for making round bale silage or storing dry hay

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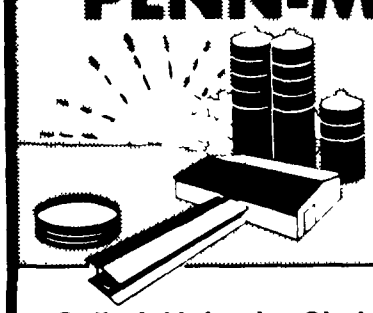
PENN-MAR AGRI SYSTEMS



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Each has it's own warranty. Call For Details.

EPOXY FLOORS to Replace Your Worn Steel Floor

12" Gooseneck $540.00

MODEL 74 Goliath® Unloader Good Condition **$4,300.00**

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New Storage - we have any Size for your Operation

COMPLETE SYSTEMS READY-TO-GO

6214 Slurrystore® **$18,000**

2070 Harvestore® Expandable **$24,000** Erected

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Time to Check Your Air Bags And Pressure Test Your Structure

Forage & Grain Structures In Stock

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5 standing Marietta & Madison concrete silos, 30'x60', complete w/roof, ladder & doors. Will take best offer. 215-827-7687

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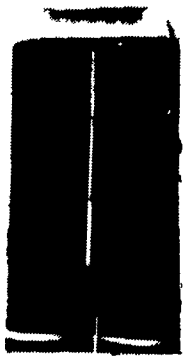

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Forage Mixer, Agway Supreme, with scales, 90 bushel, good condition. 717-258-6010.

Harvestore Goliath Unloader, 20 ft., 14x50 wooden silo, also 14' Badger silo unloader. Franklin County. 717-263-8768, 717-263-8671.

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Used Big Jim silo unloader, for 20' silo, 6 yrs. old, good condition. 703-289-5377

WANTED: Grange silo staves. Also door frames for silo. 717-333-4101 after 7:30 p.m.

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Barn free to responsible, insured party to remove for material. Very old hand hewn beams approx. 35'x40'. Call Ann 215-444-4800.

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6" to 12" wide 10' to 16' long

Framing lumber also

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Specialize in Pole Buildings, Framing, Roofing & Siding.
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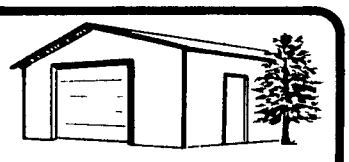

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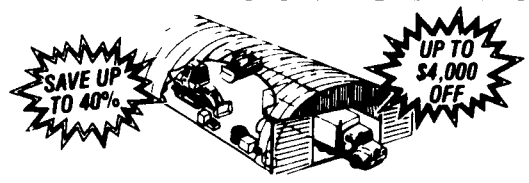

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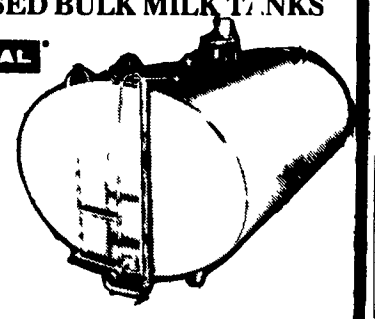

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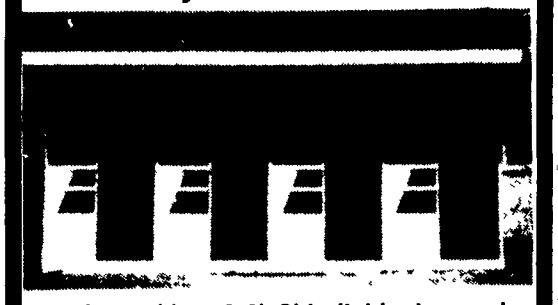

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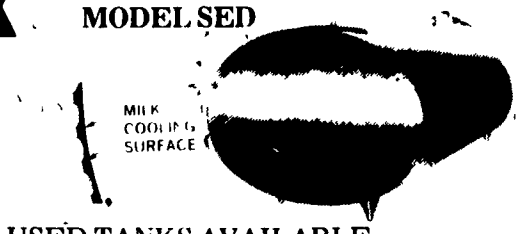

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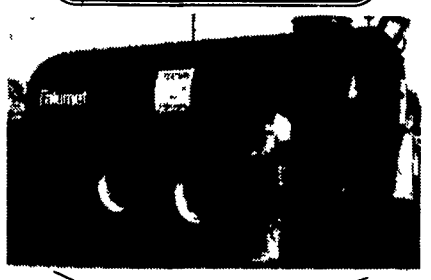

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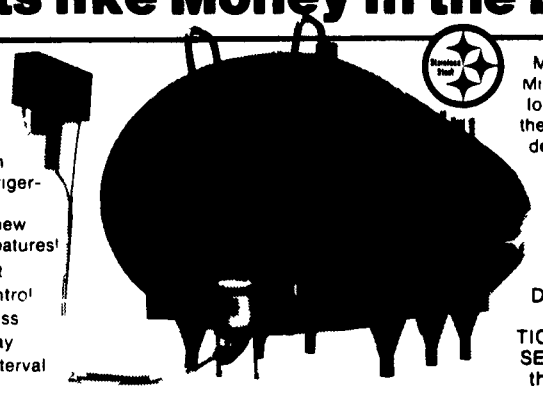

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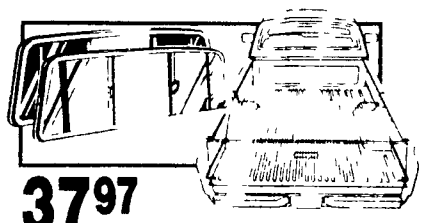

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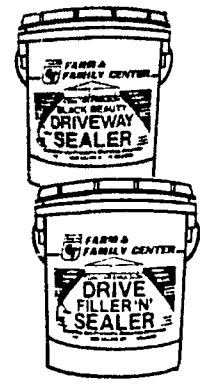

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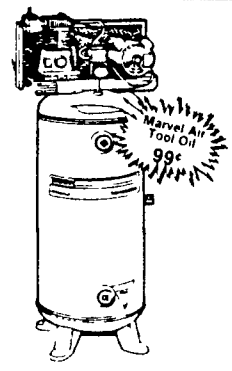

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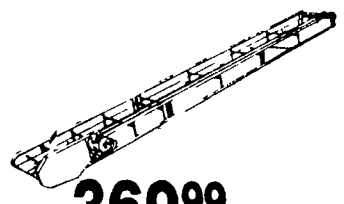

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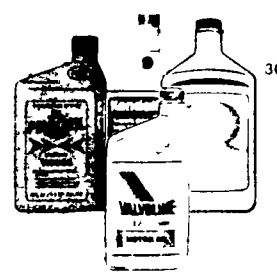

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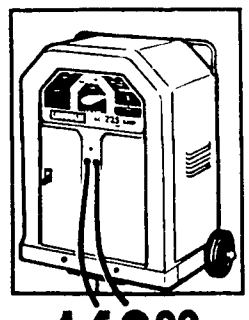

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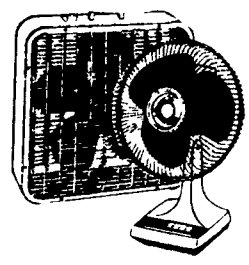

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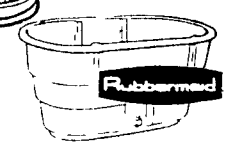

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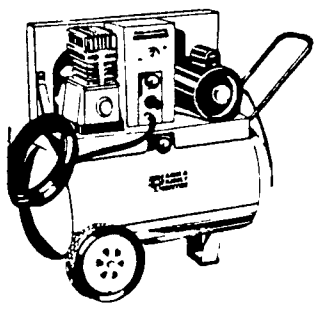

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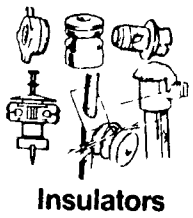

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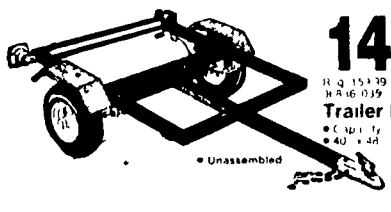

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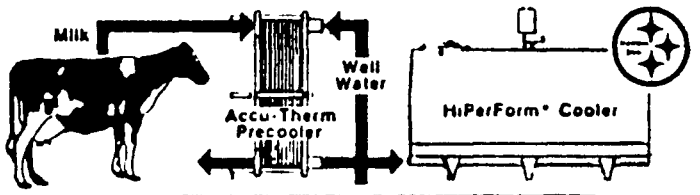

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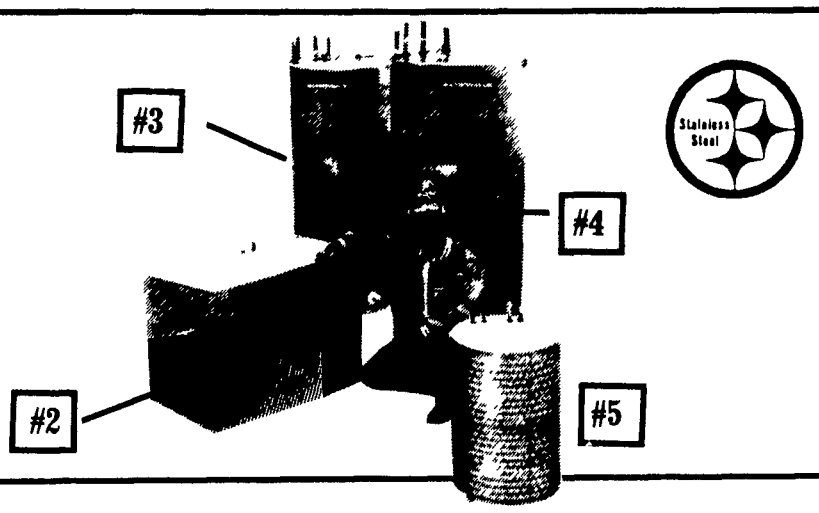

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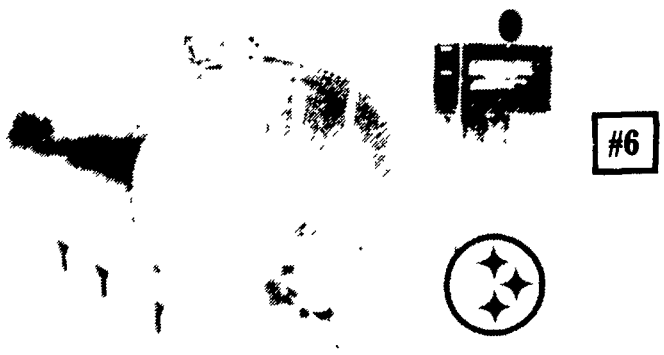

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GU And AAA Work To 'Beef Up' Red Meat's Popularity

BY MARJORIE KEEN
Chester Co. Correspondent

MORTONVILLE — As Erin Krueger celebrates her seventh birthday on July 4, she can look back on a year of unusual accomplishment. Besides finishing first grade at East Fallowfield Elementary School, Erin helped raise the "top bull ever tested" according to Glenn D. Eberly, director of Pennsylvania Department of Agriculture's Meat Animal Evaluation Center at Penn State.

Erin's bull, Genetics Lumber Jack, gained an average of 5.11 pounds a day in the 140-day performance test, a record high for the test's 14-year history. Lumber Jack was also the first embryo transfer bull to win the contest. Erin's mother, Jane Krueger, said that Lumber Jack, while still an embryo was taken from its natural Angus mother and implanted into a Holstein cow, which cared for it as her own.

The Krueger family business, Genetics Unlimited, specializes in cattle embryo transfer. Erin has owned breeding cattle since she was a toddler. She's accustomed to getting up at 5 a.m. to help her father Greg feed, water and groom their prize stock. "We breed mostly for show animals," Erin's mother explained.

The family won fame in breeding circles in 1981 when their heifer, "Skaara," won the Triple Crown at the All American, North American and Western National expositions. After winning in the cow-calf class she retired undefeated, her embryos in great demand. Skaara's first four embryos sold in New York for $67,000, according to Mrs. Krueger.

Genetics Unlimited works alongside the Certified Angus Beef program, Mrs. Krueger said. "We've done a couple of trade shows with the George Wells Meat Company in Philadelphia. They sell a lot of Certified Angus Beef. With CAB you are pretty well guaranteed that you are going to have an excellent piece of meat."

Seven-year-old Erin Krueger helps to fit a Genetics Unlimited bull.

Keith Evans, public relations director of the American Angus Association, pointed to the phenomenal growth of the CAB program, from 1.6 million pounds in fiscal 1983 to 30 million pounds in fiscal 1986. Estimate of the amount of Certified Angus Beef produced and sold during the current fiscal year, ending in September, is 50 million pounds.

The CAB program was developed by the American Angus Association, said Evans, because USDA grading standards were lowered in the 1960s and againin the 1970s. "The result of that was to make the Choice Grade so broad it was unusable, at least for the people interested in a consistently high product," Evans explained. "There was a demand for someone to identify a high quality, well-marbled, lean product and make it available to the consumer."

In October 1978 Certified Angus Beef was test marketed at one packing plant and three stores in Ohio. CAB is different from other branded beef programs, according to Evans. "We didn't start with people who own cattle and try to move those into the retail chain. Instead, we identified a product that we felt confident the consumer wanted and then went out and found Angus that would meet the specifications."

There are three steps in the selection of Certified Angus Beef. First, live animals are identified at 17 packing plants around the country by American Angus Association-trained sorters. Visual specifications include a predominantly black steer with no evidence of a hump or Brahmin-type ear and traditional beef (as opposed to dairy) characteristics. Animals meeting the criteria are isolated out of a regular buy.

After slaughtering, the identified carcasses are stamped with a purple "A" before the hide is pulled off under the eye of the USDA Inspection Service. Those with the "A" are railed together for cooling.

Twenty-four hours later a USDA grader stamps carcasses meeting CAB standards. To be stamped Certified Angus Beef the carcass must be either Prime or in the upper two-thirds of the Choice grade. It must be cherry red with fine texture and fine marbling, as defined by USDA specifications. If it is Choice, its fat yield grade must be 3.5 or lower. For Prime beef, the yield grade must be 3 or lower.

Only when the USDA grader stamps the carcass with a double overlapping "accepted as specified" stamp can it be rolled as Certified Angus Beef. The packer is licensed by the American Angus Association to sell Certified Angus Beef and pays from 2 to 10 cents per pound, according to cut, for the privilege. The association also licenses restaurants and retailers.

Only those licensed may advertise CAB. The American Angus Association assists licensees with advertising materials and, in some cases, money. The association advertises directly in trade publications to interest distributors, retail and restaurant people, but doesn't advertise directly to the consumer.

Of 1,200 to 1,400 restaurants now serving Certified Angus Beef, almost 600 are licensed, Evans said. Although there is no charge for the license, the American Angus Association reserves the right to inspect the restaurant's kitchen and storage to make certain that the meat being served is that advertised. Eight people are employed exclusively in the CAB program.

Certified Angus Beef is exported to Japan, Hong Kong, Singapore and the Bahamas, where it is advertised and served in fine hotels and restaurants. Approximately 550 grocery stores are licensed to sell the product.

Because of the program's popularity the American Angus Association is starting a program to identify bulls that will sire calves meeting CAB specifications, Evans stated. Currently, if the packing plant pulls out the steers meeting CAB visual specifications from a normal buy, only 20 to 25 percent grade out as Certified Angus Beef. Of Angus fed with the idea of producing CAB, Evans said about 50 to 60 percent meet the criteria.

"You've got to have the right breeding before anything else matters," Evans pointed out. In the past few months the Angus Association has had an animal science geneticist trying to isolate the genetics involved. Each year the association publishes a sire evaluation booklet with detailed scientific information on Angus bulls. Some already include carcass information. Evans expects that there will be increasingly more carcass data reported.

A producer wanting to take advantage of the CAB program has two options, said Evans. He could sell to a feedlot that's near a CAB packing plant, or he could retain ownership of the animals in a commercial feed lot. In some cases the packing plant pays a premium for steers that qualify on the rail for the program.

If the farmer or rancher has cattle that look as though they'd qualify, CAB offers one more market, Evans stated.

Beef Briefs

by
Chester D. Hughes
Lancaster Co.
Extension Livestock Specialist

Tips On Fly Control

Insecticide ear tags for cattle are a proven economical, labor-saving fly control method, and have gained increasing popularity since their introduction to the beef and dairy industries. In fact, according to industry estimates between 40 and 50 million ear tags are sold annually, and a majority of cattle operations rely on them to reduce fly and tick problems.

Despite their popularity, however, or perhaps even because of it, reports of horn fly resistance to insecticide ear tags are also on the rise in a growing number of dairy and beef cattle states. Part of the problem is that many cattlemen rely on the ear tags alone for complete cattle fly control. Research indicates a greater potential for horn fly resistance where there's continuous use of slow-release ear tags containing pyrethroids, a key control ingredient in most ear tags. For this reason, ear tags would best be used as part of an integrated pest control program incorporating other control options using different insecticides.

Ear tags continue to be one of the most effective and convenient cattle fly control methods. They're cost effective, labor saving and convenient. To achieve optimal control using ear tags, producers are urged to follow label directions and suggestions from Extension entomologists.

To prevent resistance and reduce cattle fly infestations the following fly control tips are suggested:

• Don't tag cattle too early in the season. Wait for the fly population to be present before tagging cattle.

• Spray cattle with an approved organo-phosphate compound according to label directions the day you tag them. This should kill most resistant insects and allow the ear tag insecticide to be more effective.

• Use ear tags that provide the most effective protection against a wide range of flies, ticks, and lice.

• Producers should tag cattle according to label directions. Undertreating cattle may increase the potential for resistance.

• Ear tags should be removed at the end of the fly control season or when fly populations decline to a low level. Leaving tags on until the next season allows a continual release of a low level of insecticide which some entomologists believe may increase the potential for resistant flies.

• Especially in cases of severe fly problems, cattlemen should use an integrated approach to fly control, which could include ear tags, sprays, dusters or oilers.

• Remember to consult your local extension agent for advice on a total fly control program.

While insecticidal ear tags continue to enjoy popularity in both beef and dairy cattle industries, several entomologists and industry experts now report that horn flies in certain regions are developing varying degrees of resistance to the insecticides in some tags. Some of this problem is attributed to resistant flies that survive over winter.

Live Bird Markets Pose Avian Flu Threat

WASHINGTON — Every week, tens of thousands of chickens make a one-way journey through a complex marketing chain from eastern poultry farms to big cities for sale in special "live-bird" markets. In dozens of cities like New York, Philadelphia, Pittsburgh, Detroit and Miami, customers purchase live birds which are slaughtered and processed on the spot.

Unfortunately, this live-bird marketing chain can carry other unseen travelers — avian influenza viruses — which can make the return trip back from the big-city markets to poultry farms. Harmless to humans, certain highly pathogenic types of avian influenza can devastate poultry production when farm flocks become infected.

"Live-bird markets pose a unique disease-control problem and a risk to commercial broiler and egg industries," says Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. "Even though birds moving through these markets reach the end-of-the-line on a consumer's table, contaminated trucks and cages return to farms of origin, often carrying avian influenza viruses with them."

The birds begin their one-way trip to market on flatbed trucks loaded during the night at producer farms. They arrive at big-city dealers in pre-dawn hours and are transferred from plastic to wooden crates, weighed and then reloaded onto trucks for delivery and sale at live-bird markets. In addition to chickens, other live fowl such as ducks, guinea fowl, chukars and geese are also distributed for sale by this method.

"The avian influenza virus survives in contaminated manure and can be tracked about on cages, clothing, shoes, egg flats, egg cases, equipment and vehicles — anything that comes in contact with chickens," says Dr. Wesley Garnett, senior staff veterinarian for APHIS in Hyattsville, Md. "It can survive from one to several weeks at moderate temperatures and indefinitely in frozen material."

Dr. Garnett says live-bird market operators should take a number of steps to decrease the risk of infection, such as switching to plastic crates, which are easier to clean and disinfect than wooden ones.

Garnett also warns about birds not immediately sold to customers. These birds, if infected, can spread avian influenza to new arrivals, thus multiplying equipment contamination and opportunities for spreading the disease back to farms.

Another source of spread are small dealers or traders that travel from state to state collecting consignments from backyard flocks and auctions. Cages are traded back and forth as dealers travel from farm to farm buying and selling birds. Disease prevention and biosecurity are rarely a priority for these people, says Garnett, so producers must make sure their equipment and vehicles are free of disease.

Dr. Garnett says producers can take other steps to protect their flocks. He warns that the practice of "skimming" a flock — removing some mature birds from a flock for shipment to a live-bird market, can spread avian influenza. Birds left behind are exposed to work crews, cages and equipment that might be carrying avian influenza virus.

Delivery trucks should be completely cleaned and disinfected before returning to producer farms, he says, and poultry houses should be emptied of poultry after each lot is moved out and then cleaned and disinfected before new birds are moved in.

The widespread avian influenza outbreak in 1983-84 taught states that strict biosecurity measures must be taken on poultry farms all year-round to stop the disease. The lesson was expensive, however. More than 17 million birds were destroyed in the eradication effort at a cost of $64.5 million in public funds — making it the most expensive poultry disease ever faced by government animal health professionals.

The outbreak cost consumers, too — driving up the total price of poultry products about $349 million from November 1983 to April 1984.

In 1986, USDA found evidence that trade — related equipment in live-bird markets was responsible for spreading avian influenza virus to poultry farms in Pennsylvania, New York, Massachusetts, New Jersey and Ohio.

"Remember, disease prevention doesn't cost, it pays," says Hawkins. "Cooperation and biosecurity are the keys to preventing avian influenza or any other disease from devastating part of our nation's poultry industry."

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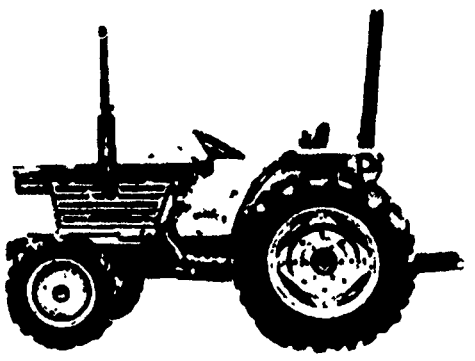

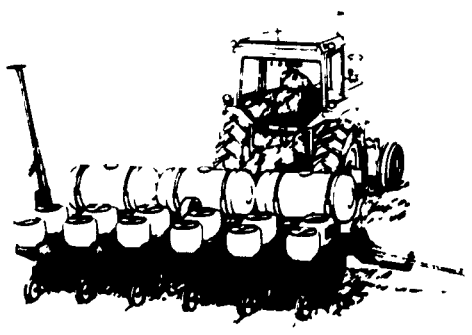

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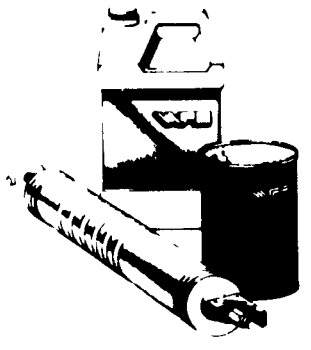

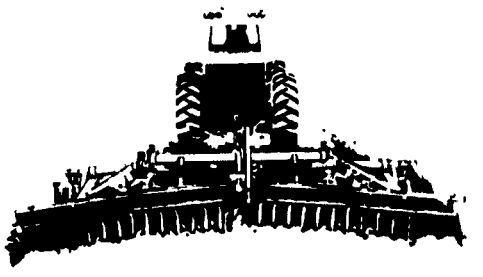

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Shive Tops York Meats Contest

YORK — On June 24, a highly enthusiastic crowd was on hand for the York County 4-H Meats Judging and Identification Contest, held at Godfrey Brothers Meats in Loganville. With six different classes of judging and identification ranging from T-bone steaks to pork carcasses.

In the meat identification part of the contest, John Eaton, Jr. of Windsor, was High Individual, followed by Cathy Shive, Seven Valleys in second place, Sue Eisenhour, Wellsville was third and Mike Craig, Lancaster, fourth.

With total judging scores tallied up, Bob Rush of Lancaster was High Individual followed by Cathy Shive, Doug Musser, Lancaster, and Ed Livingston, Dover, respectively.

In the Reason's part of the contest, John Eaton, Jr. talked his way to High Individual with 82 points followed by Doug Musser in second, Cathy Shive was third and Bob Rush, Lancater was fourth.

In Overall competition combining Reasons, Judging and Identification, the High Indivdiual for the day and receiving the plaque was Cathy Shive, followed by John Eaton, Jr. in second, Susan Eisenhour third, Mike Craig, Lancaster in fourth and Sandy Eisenhour of Wellsville was fifth.

The three top scoring individuals in each county teamed up for the High Team Overall competition. Cathy Shive, John Eaton and Susan Eisenhour, all from York County combined scores of 1419 points to take the High Team Overall title and the plague along home with them. While Mike Craig, Doug Musser and Rob Rush, all from Lancaster, tallied up their scores to achieve second place in the competition with 1294 points.

4 Pa. Directors Named To AIJCA

STILLWATER, Okla. — Officers and directors for the American-International Junior Charolais Association were elected at its Junior National 19th Leadership Conference held June 15-19 at Oklahoma State University in Stillwater, Okla.

Kristi Carver of Dallas, Texas, will be the 1987-88 president with Howard Hecht of Paynesville, Minn., serving as vice president. Elected to the secretary's spot was Meghan Casey of Fort Worth, Texas, and Sharla Adams of Fort Sumner, N.M., will be treasurer.

Juniors elected or appointed to the 10-member board of directors were Quatro Brooks of Alvarado, Texas; Paul Miller of Spring Grove, Pa.; Jan Waltz of Manheim, Pa.; Julie Cwach of Yankton, S.D.; Todd Williams of Girard, Kan.; Clifford Mitchell of Koshkonong, Mo.; Crystal Clutter of Propserity, Pa.; Rob Nord of Bloomington, Ill.; Bart Kayser of Greensburg, Pa.; and Ellen Hanson of Revillo, S.D.

The four officers, along with the board of directors, will be responsible for planning and helping to carry out the activities of the 700-member national youth organization.

AIJCA officers/directors include: (rear, left) Rob Nord, Todd Williams, Clifford Mitchell, Paul Miller, Jan Waltz, Howard Hecht, Quatro Brooks, (front, left) Bart Kayser, Julie Wilcke, director, Crystal Clutter, Meghan Casey, Sharla Adams, Julie Cwach, Ellen Hanson, Kristi Carver and Anita Geddes, ex officio.

Angus Assoc. Names CAF Manager

ST. JOSEPH, Mo. — Terry Goehring of Manhattan, Kansas, has been named the new Certified Angus Feeder manager for the American Angus Association, reports Richard Spader, executive vice president of the nation's largest beef registry association in St. Joseph, Missouri.

As the new manager of the Certified Angus Feeder program, Goehring will be responsible to educate both Angus breeders and commercial producers about Certified Angus Beef, and will explore avenues of development leading to the implementation of CAF through the utilization of such programs as National Cattle Evaluation.

The objective of the Certified Angus Feeder program is to identify Angus seedstock which excel in carcass traits relative to Certified Angus Beef. In order to accomplish this goal, flexible carcass testing procedures in addition, to those presently in existence must be organized and implemented to collect the necessary carcass data required for genetic evaluation.

Raised on a diversified livestock-crop farming operation in Ottumwa, Iowa, Goehring received his B.S. degree in animal science from Iowa State University in 1981 and his M.S. degree in animal and range sciences in 1983 from South Dakota State University.

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NPPC Introduces 'America's Cut' Pork Chop

DES MOINES, Iowa — America's pork producers have become the first commodity group in the nation to develop a standardized premium boneless meat cut, apply for a registered trademark for it, and then market it for national distribution.

The "America's Cut" will be introduced this week in the Cub Food Store chain's 44 stores in eight states. Pork producers will be on hand in many of the store's on July 1, 2 and 3 to assist in introducing the new cut of pork to consumers. The new cut should also be available to the nation's restaurants and other foodservice outlets within the next few weeks.

"America's Cut" was developed by the National Pork Producers Council at the request of producer delegates during the Council's annual meeting in March of this year. "With boneless pork sales in the nation's food markets increasing daily, the 'America's Cut' is just what America's consumers ordered," said Tom Miller, president of the National Pork Producers Council. "It's a lean, nutritious cut, easy to prepare. It fits right into the modern lifestyle," he added.

In order to carry the distinctive "America's Cut" label, the product must meet strict specifications. It must be a boneless center single-cut chop, with a thickness of one-and-one-quarter to one-and-one-half inches, while external fat not to exceed one-quarter inch.

After initial introduction in the Cub stores, the "America's Cut" will be made available for national distribution to other retail food stores. One of the nation's leading foodservice meat processors, Henry House of Holland, MI will make the "America's Cut" available for use in restaurants within a few weeks.

Development and marketing of the "America's Cut" is being financed with funds generated from the 100 percent national pork producers checkoff.

APHA Names Top Sires, Dams

KANSAS CITY, Mo. — A record number of Polled Hereford sires and dams were awarded Gold Trophy status at the completion of the 1986-87 show season. This was the 20th anniversary year of the showring phase of the American Polled Hereford Association's Standard of Perfection (SOP) program, and 23 sires and dams earned the awards. The honor is based on the showring performance of their offspring this year and in previous years.

The five bulls to receive the award were JR Nick The Butler P183, MKP GK Blastoff, Empires Equalizer 400R, WSF Mainstream 186P and JBS Enforced Stick.

Polled Hereford females winning the award were GK Crowd Pleaser, ACE Tallys Belle 103P, CLF Tootsie R6, SBF Royal Gypsy, Dunwalke Victra 75N, CB2 445 Dream Girl, GS Envy G63 128M, MF Lady Spidel M358, BT Top Girl 169L, MCF Lady Sundance 5, ASB J Lass 1159, MR KL Herdmatrn 37, MW Ms Enforcer 5004, MSU Miss Magnum 760, ACE Beowulf Gal 145M, HHH Miss Muchmore P7, FLF Forcette 9162 and GS Miss Vic 69 4J.

To earn the Gold Trophy title, a bull must accumulate 100 points, based on the performance of his calves at SOP shows. A cow must earn 35 points through her offspring's showring winnings to win Gold Trophy Dam status.

In the overall Gold Trophy rankings, the two long-time leaders hung on to their number-one spots. WSF PRL Justa Banner is in first for his eighth consecutive year. However, second-ranking Enforcer 107H is moving closer to the leader each year. In the Gold Trophy Dam standings, Coppertone F Sara remains at the top of the list for a sixth year. Her closest competition has less than half her point total.

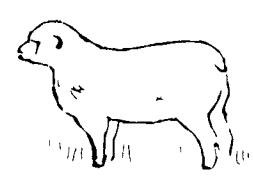
Sheep Improvement Program Meets In Denver

DENVER, Colo. — Enrollment in the National Sheep Improvement Program is growing steadily. Details about the program and progress since its inception were shared with members at the first annual meeting of the membership and Board of Directors of the NSIP held in Denver in June.

A seven-member executive committee was elected, including Mike Caskey representing the Sheep Industry Development Program, Dr. Percy R. Turner and Don Torell representing the American Sheep Producers Council, John Paugh representing the National Wool Growers Association, Sandra Snider representing American Hampshire Sheep Association, Richard Strom representing the American Rambouillet Breeders Association, and Dave Birch representing the Continental Dorset Club. Mike Caskey, Percy Turner and John Paugh were elected chairman, vice chairman and secretary/treasureer respectively.

Iowa State University representatives reported on the development of the NSIP record processing center located at the university. The 112 flocks now enrolled in NSIP represent about 7,000 ewes.

For further information about the NSIP program and enrollment, write NSIP, 200 Clayton St., Denver, CO 80206; telephone (303) 399/8130.



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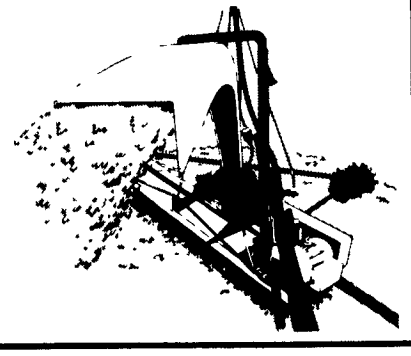

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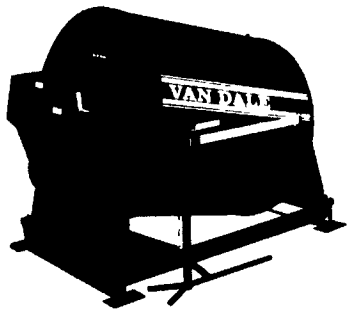

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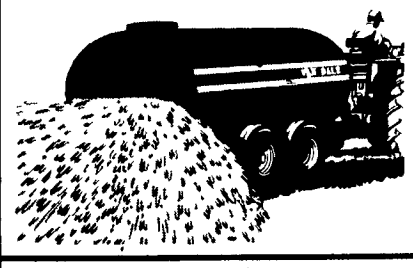

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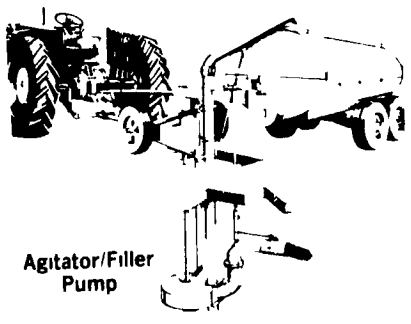

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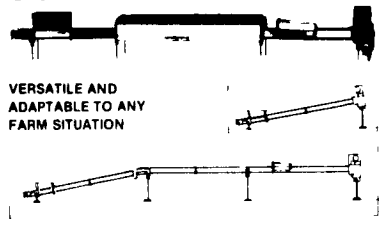

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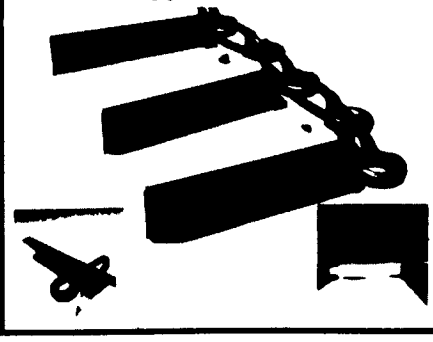

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BUSINESS NEWS...

Soil testing at depths of up to 10 feet will help University of Nebraska researchers determine how nitrates and chemicals move through the soil.

Pioneer Assists In Groundwater Study

LINCOLN, Nebr. – Ten feet under the fertile soils of their state, researchers at the University of Nebraska are looking for the dirt on groundwater quality and the farmer's role in protecting it.

Using the university's long-term crop management plots to evaluate some of the effects of alternative production practices on pesticide and nitrate movement, agronomists have begun an extensive soil testing program to study how nitrates and pesticides move through the soil profile and into groundwater.

With growing concern about groundwater quality, the study could be pay dirt for farmers throughout the Midwest who are looking to control groundwater pollution before strict legislation mandates changes in farming practices.

"This is probably the most extensive soil testing project we've ever undertaken for nitrate movement," says Dr. Warren Sahs, superintendent of the Nebraska Agricultural Research and Development Center in Mead.

According to Sahs, the experiment is designed to:

- Measure the long-term effects of manure and crop rotations as well as herbicide, insecticide and chemical fertilizer treatments on the accumulation of nitrate and pesticide residues in the soil.
- Monitor the movement of nitrates and selected pesticides in the soil profile over a five-year period
- Quantify the nitrogen contribution of legumes and manure to the nitrogen balance in the soil.

For the study, a four-replication experiment is being conducted on 52 test plots comparing four different treatments: Conventional pesticides and fertilizers on continuous corn; fertilizer only on a four-year rotation of corn/soybean/corn/oats-clover; herbicide and fertilizer on the rotation; and manure only with no other chemicals applied to the rotations.

Last January, Sahs and four associates began testing – taking six samples from each plot at various depths down to 10 feet – to determine levels of pesticides and nitrates present in the soil profile. The soil tests and analysis were made possible by a grant from Pioneer Hi-Bred International, Inc.

According to Sahs, the data collected could find many applications throughout the country if adjusted for differing amounts of rainfall and soil type.

"Ten feet is a very safe depth to test for nitrate movement," says Dr. Dan Walters, assistant professor in the university's agronomy department. "Normally, a corn plant will root no more than four to six feet to draw nitrogen from the soil. By testing at this depth, we're able to look at movement beyond the active zone of root growth – at nitrogen we know will eventually make its way into groundwater."

Walters is now evaluating data from analysis of the soil samples to see which farming practices allow what amount of pesticides and nitrogen to leach through the soil, past the plant's root zone.

Farm Credit Will Not Pursue Merger

BALTIMORE, Md. – The board of directors of the Farm Credit Banks of Baltimore decided not to pursue a proposal that would have merged all 26 Federal Land Bank Associations and 26 Production Credit Associations into one district-wide FLBA and one PCA. The decision, made at the board's June meeting, resulted when the board determined that support for the district-wide association merger proposal did not meet pre-established criteria.

Recognizing that some associations may still want to merge, the following resolution was adopted by the board:

"Merger proposals of any two or more contiguous associations will be considered by the board provided the proposal is economically sound and would not isolate and/or unduly disadvantage an adjoining association."

Harold B. Short, chairman of the board, commented, "The merger issue was initiated at the local association board level nearly two years ago in response to economic stresses in the agricultural sector and as a result of increased reporting and review requirements by federal regulators. However, it appears that a merger on a district-wide basis may not be the best avenue to pursue at this time."

According to Short, the factor that may have influenced many association directors to withhold approval of the merger proposal was uncertainty surrounding the potential impact of Farm Credit legislation now pending before Congress.

"Several bills pending before Congress may have an effect on local associations as well as the system as a whole," Short explained. "Some directors have expressed a "wait and see" attitude regarding the proposed merger and pending legislation."

Short said the ability of associations in the Baltimore District to carefully evaluate the desirability of mergers in a deliberate and thorough manner was an indication of the financial strength of the Baltimore District. "We were not forced into acting quickly because of financial difficulties," he stated. "We wanted to be sure that any merger would be in the best long-term interests of our stockholding borrowers and of the agribusiness communities we serve. That remains our position."

The resolution adopted by the district board permits interested associations to continue to explore merger alternatives. Any merger proposal must be approved by the district board and the Farm Credit Administration prior to being submitted to a vote by the stockholding borrowers of the affected associations.

The Farm Credit System

Farm Credit News

Kriebel Seeks Farm Credit Position

Richard Kriebel, a Columbia County dairyman, is seeking the nomination for Director at Large to the Farm Credit Second District (Baltimore) Board of Directors.

He is presently a Federal Land Bank director of the Northeastern Association, serving as joint board vice chairman. He is also a member of the Baltimore District Advisory Board serving a vice chairman.

Kriebel's family farming operation in Benton, consists of 310 acres planted to corn and alfalfa to support a milking herd of 65 cows and approximately 60 head of young stock.

He has served inmany leadership positions in agricultural, community and church organizations including DHIA, ASCS and Extension. He has also served as chairman of the Columbia County Planning Commission for four years.

"In seeking this director ship I am offering my common sense, education, me leadership ability and a desire to improve our Farm Credit System so it can be more responsive to our borrowers, stockholder members and employee needs," Kreibel said.

Richard Kriebel

The Baltimore Farm Credit District serves approximately 48,000 members and stockholders, extending credit in excess of $2.4 billion.

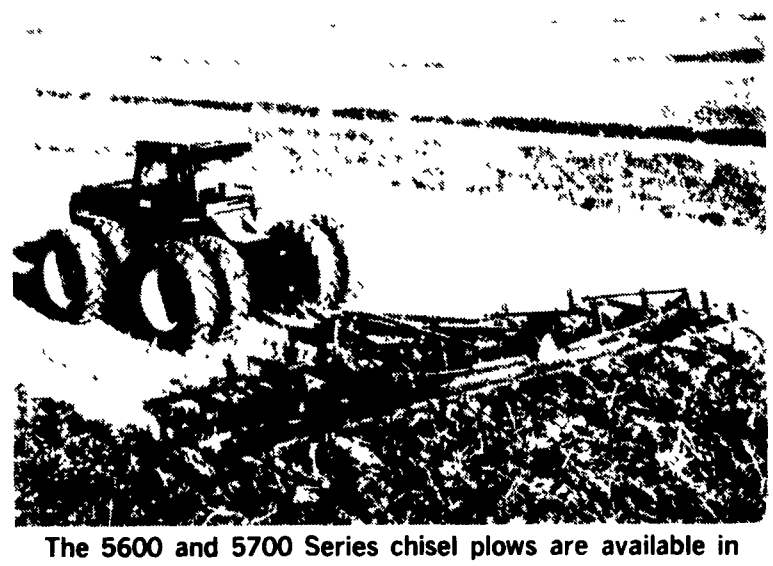
Case IH Expands Chisel Plow Line

RACINE, Wisc. – To match a variety of tractor sizes and operational needs, Case IH has expanded its 5600 Series chisel plows and introduced a 5700 Series high clearance line.

Designed for improving soil structure, breaking up compaction and preventing wind erosion during heavy primary tillage, light subsoiling or secondary tillage, the 5600 and 5700 Series are now available in widths from 7 feet to 53 feet and can work up to 12 inches of soil depth.

High-lift spring cushion chisel shanks are designed to resist breaking and bending in rocky field conditions and clear obstacles as high as 7.7 inches. The 5600 Series shanks measure 25 inches, while the 5700 Series high clearance line features 32 inches for heavy crop residue situations.

Additonally, a new crank adjustable, automatic self-leveling hitch and positive mechanical depth control available on many of these models significantly improve productivity and tillage accuracy.



The 5600 and 5700 Series chisel plows are available in widths from 7 feet to 53 feet.

The crank adjustable hitch available on 27 to 53-foot trailing models in both series permits the operator to quickly level the plow with a single mechanical hand-crank, thereby eliminating the jacking and jockeying of other chisel plow hitches.

Once set, the Case IH self-leveling hitch keeps all five ranks level, fore and aft, at any depth setting to provide exceptional working depth accuracy. This feature is especially useful when pulling the chisel plow with an air seeder for planting or for deep banding fertilizer

The new positive mechanical depth control maintains precise uniform depth across the width of the machine. At working depth, master and slave cylinders are totally retracted. This allows the machine to ride on a positive mechanical stop instead of oil, so depth uniformity is not affected by individual cylinders and cylinder reliability is improved.

GSI Offers New Grain Storage Equipment

WILLOW STREET – The new GSI Farm Digigrain computerized aeration cuts shrinkage and maintains grain quality in storage, according to E.M Herr Equipment, Inc.

The Digigrain system controls grain temperature, isolating hotspots and maintaining preset grain moisture levels in storage One unit can control sever. ..n and different types of grains

Also new for 1987 is GSI's 36-foot TOP DRY grain bin A precise number of circular bands are mounted at key locations in the drying chamber These bands work in conjunction with gravity and the angle of repose of grain to achieve a constant layer of grain depth. Perforated hoppers & dump chutes are strategically spaced in the drying chamber floor This guarantees that when hot dried grain is dumped, it will be evenly dispersed over the cooling floor Slow Troublesome grain spreaders are not needed with a GSI TOP-DRY

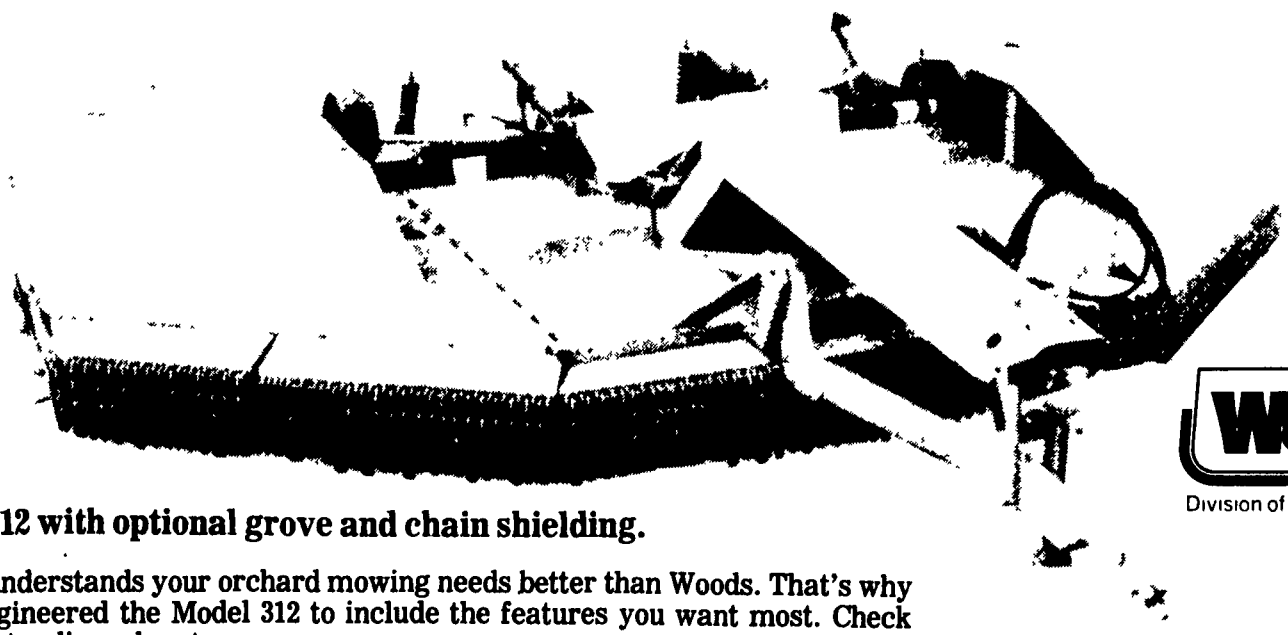
Optional deluxe rotary switch indicates a full drying chamber of wet grain When wired to a horn or light, operator on the outside can be signaled to stop the intake of wet grain

The Top Dry system uses specially designed airstream heaters that have a HI-LO burner standard These heaters will produce relatively low constant temperatures without cycling heater on and off

For more information on GSI systems contact E.M Herr Equipment, Inc , 14 Herrville Rd , Willow Street, PA 17584 Phone 717-464-3321

MOWING TIME

Cut it in half with the Model 312 orchard mower from Woods



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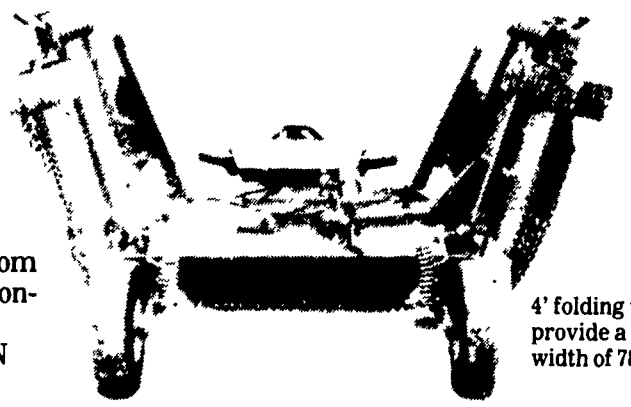

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BST Gets High Marks At Dairy Science Meeting

COLUMBIA, Mo. – Researchers presenting papers on bovine somatotropin (BST) at the American Dairy Science Association annual meeting in Columbia, Missouri reported that BST continued to produce increases in milk production and feed efficiency into the second lactation without affecting milk quality or animal health and reproduction.

Questions about BST's long-term effect on cow health, milk quality and farm economics were addressed by researchers from the Universities of Minnesota, Florida, Pennsylvania, Guelph (Ontario) and the Animal and Grassland Research Center in Maidenhead, Berks (U.K.), working in cooperation with American Cyanamid Company of Wayne, N.J.

University of Minnesota researchers reported that cows continued to respond to BST supplementation during a second consecutive lactation. Yield of Fat-Corrected Milk (FCM) per kilogram of Dry Matter (DM) was higher for BST-supplemented cows than for controls. Milk composition was unaffected by the use of BST.

Other American, British and Canadian researchers reported similar production, feed efficiency and milk quality results. In addition, the British and Canadian teams found no reproductive problems associated with BST-supplementation at the anticipated use levels. A University of Florida team reported that BST-supplemented cows outperformed controls in a subtropical (heat-stressed) environment. Trials are on-going to test the long-term safety and efficacy of BST required to obtain FDA approval.

University of Pennsylvania investigators used a computer model of a typical Pennsylvania dairy operation and information gathered from a summary of four university studies to project break-even points for the use of BST over a six-year period. They concluded that BST would be an attractive investment for dairies with good management practices.

In a related study, Dr. William Chalupa, Professor of Nutrition at the University of Pennsylvania School of Veterinary Medicine at New Bolton Center, summarized the responses of dairy cows to somatotropin administered in studies conducted at Ohio State University and the Universities of Pennsylvania, Kentucky and Minnesota. Dr. Chalupa found that BST's impact on milk yield and feed efficiency was consistent across breeds and geographic areas.

Dr. Chalupa commented, "The longer we work with BST, the more we learn about it and the more confident I become that it will be a powerful new tool for the dairyman."

Ford New Holland Expands, Improves Rotary Cutter Line

TROY, Mich. – The newest offering in Ford New Holland's line of rotary cutters is the Model 958 Offset Flexwing, with a 10-foot cutting width. The 958 is especially useful for mowing along roadsides, ditches, ponds and fences. The wing section cuts effectively from 70 degrees up to 22 degrees below the horizontal center section, and the blades rotate counterclockwise for a clean cut. Stump-jumper blade holders help the cutter ride over rocks and stumps. Cutting heights range from 1 to 15 inches.

Ford New Holland's five- and six-foot Model 953A rotary cutters are redesigned for added durability for 1987. Model 953A rotary cutters have full-length runners, heavy front-reinforced skids, and 10-gauge steel deck and sides. Both cutters have a 40-horsepower flange-mounted gearbox and are available with Category I or Category II hitch. The cutting height range on the 953A models is 1-½ to 12 inches.

Quality improvements also have been made to other Ford New Holland rotary cutters. Five- and six-foot versions of the Model 951 rotary cutter now have a slip clutch option. Models 953, 953A, 954, 955, 956, 957 and 958 come with chain guards standard. Rear tailwheels on all rotary cutters have been redesigned for easier height adjustment, and a dual-wheel option is available for the 953 seven-foot model

Miller Honored At Charolais Show

STILLWATER, Okla. – The 12th national Junior Charolais heifer Show on June 15 in Stillwater, Okla., featured 113 head of purebred Charolais exhibited by Ameican-International Junior Charolais Association members from across the United States.

Show judge James C. Linthicum of Welch, Okla., slapped an entry from New Mexico as the grand champion female. RER Ms Citation U31, exhibited by Sharla Adams of Fort Summer, N.M., took the high honor. This April 1986 daughter of RER Citation L253 Polled had a show day weight of 991 pounds and stood 56.25 inches at the hips.

Following into the reserve grand champion slot was a heifer led out by Noelle Flesner of Augusta, Ill. Miss Key Highrise 623U is a March yearling sired by Silver Creek High-Rise. Her show-day stats included a 1.051-pound weight and a 57-inch height.

A Texas junior group took first place in the state group of three competition. The Minnesota juniors were awarded for the best state display for the second year in a row. Paul Miller of Spring Grove, Pa., was selected Junior Herdsman of the Year, and the honor for traveling the greatest distance to participate went to exhibitor Jan Waltz of Manheim, Pa.

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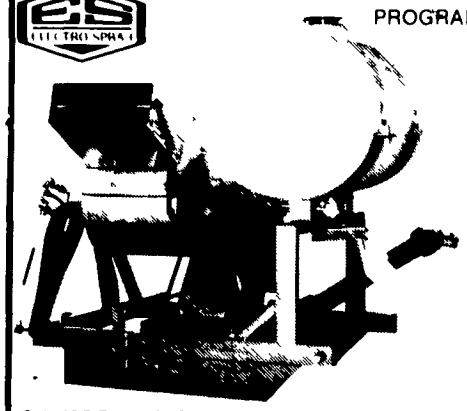

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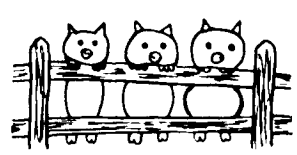

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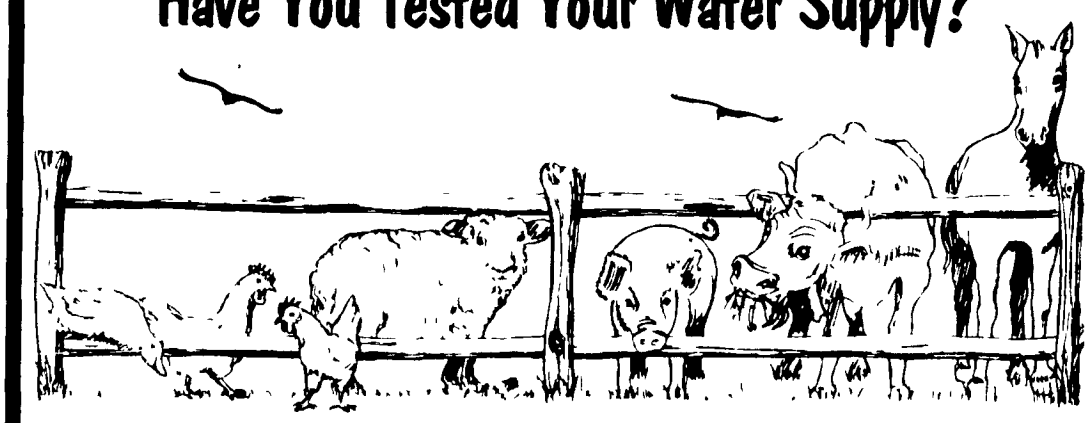

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Penn State Agronomists Receive USDA Award

UNIVERSITY PARK – Six Penn Staters, who helped develop a revolutionary way to measure the nutrient content of forage and feed were honored for their outstanding contribution to research by the U.S. Department of Agriculture last month.

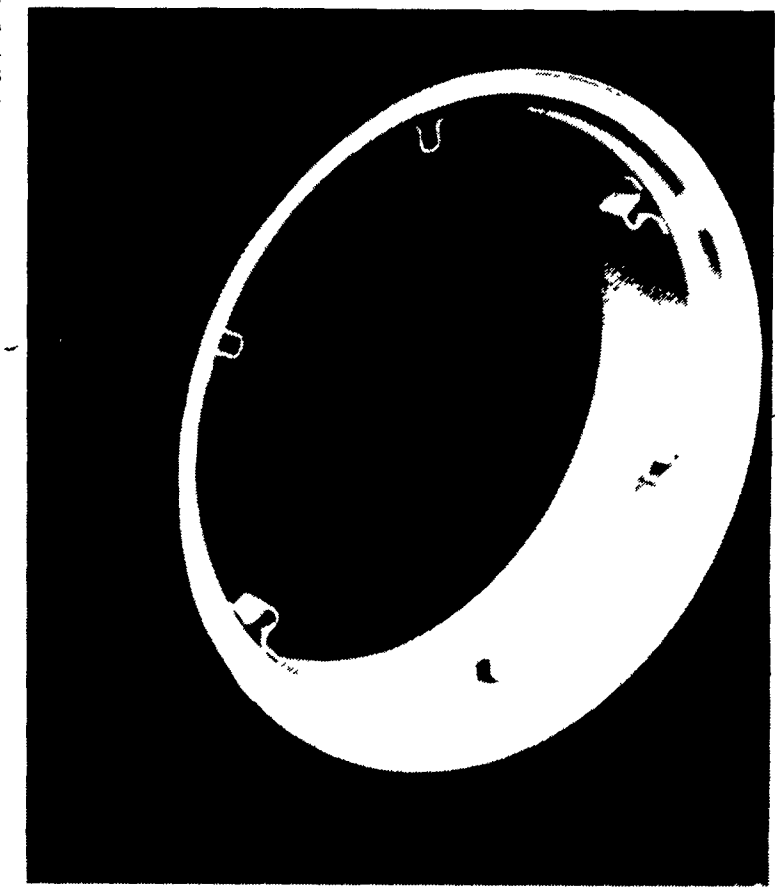
Honored were: John S. Shenk, professor of plant breeding; Mark O. Westerhaus, near-infrared statistical analyst; Stephen M. Abrams, research animal scientist for the U.S. Regional Pasture Research Lab; William C. Templeton, Jr. and Robert F. Barnes, past directors of the U.S. Regional Pasture Research Lab; and Karl H. Norris, a Penn State graduate of ag engineering who is now a research leader for the USDA research station in Beltsville, Md. The U.S. Regional Pasture Research Laboratory is located at Penn State's University Park Campus.

They and six other researchers received a group Superior Service Award for the "exceptional team research effort in the development of near infrared reflectance spectroscopy." It is a system that quickly measures the protein and fiber, percentage of dry matter and other nutrients of dried feed and forage.

Near infrared analysis is now accepted throughout the country. Since its development in the 1970s, the Penn State researchers have been consultants to a USDA-sponsored national project on near infrared reflectance research to analyze all types of feed and forage. They have also assisted private industry, which has adopted the technology as a service to clients.

In fact, Penn State's program to promote the use of near infrared analysis has been so successful that its Merkle Laboratory is now phasing out forage testing for growers, leaving that service to private laboratories. Merkle Laboratory is concentrating on its soil testing services and has adopted a new computer system that gives faster and more accurate testing and more detailed recommendations that are crop specific.

Unverferth Replacement Rims



A line of rims with welded clamps popularly used as rear rim replacements on Ferguson and Ford tractors is available from Unverferth Manufacturing, Kalida, Ohio. The rims are available in sizes from 8-by-24-inch to 12-by-28-inch and feature 4 or 6 welded clamps. For more information, contact Unverferth Mfg. Co., Inc., P.O. Box 357, Kalida, OH 45853. Phone 1-800-537-9442.

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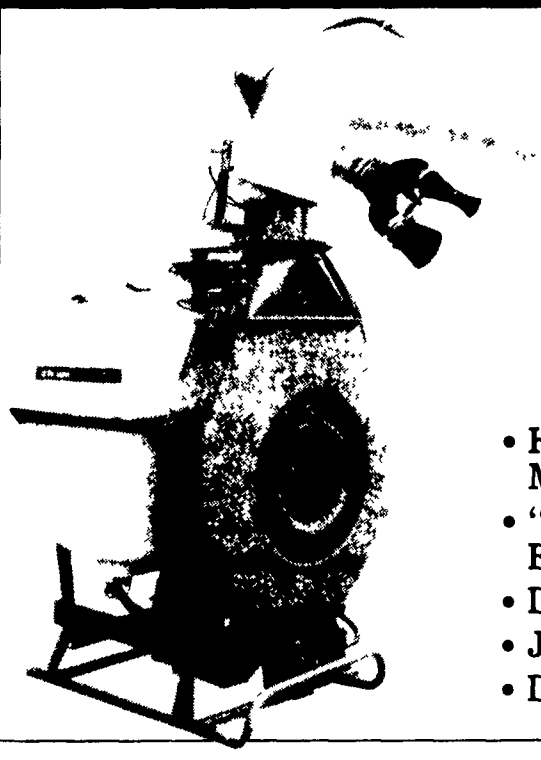

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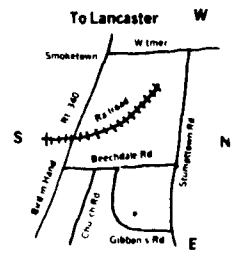

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New Corn-Derived Plastics Are Biodegradable

ST. LOUIS, Mo. — Corn is a high tech industrial feedstock which can switch gears to become a biodegradable plastic or an extremely hard, lightweight building material," according to Dr. Ramani Narayan, research scientist at Purdue University's Laboratory of Renewable Resources Engineering. Dr. Narayan recently chaired the Materials and Biodegradables session of the First National Corn Utilization Conference in St. Louis.

Co-sponsored by the National Corn Growers Association (NCGA) and Funk Seeds International, the unprecedented meeting brought together 240 farmers, researchers and agribusinessmen from 23 states and three counties to review technology and markets which can move corn beyond its present role as food, fodder and fuel into non-traditional markets.

Twelve presenters indicated technology already exists to transform corn starch into a biodegradable plastic, corn protein or zein into an insoluble, extremely hard component of composite structural materials, and corn sugars into environmentally benign feedstocks for the plastic industry. The challenge for corn growers is then to bridge the gap between laboratory and market.

A new line of research — blending corn starch with synthetic plastics to render the product biodegradable — was discussed by three researchers. Dr. Wayne Maddever of the St. Lawrence Starch Co., Ltd., in Ontario, Canada, described his firm's patented process of surface modifying corn starch to make it compatible with common petrochemical polymers. Their product, Ecostar, is currently used in plastic bags and packaging in Europe where solid waste disposal problems have resulted in governmental mandates for biodegradable plastics.

In the U.S., decades of work at USDA's Northern Regional Research Lab in Peoria was reviewed by Dr. William M. Doane, Research Leader. In one approach, gelatinized starch is blended with synthetic resins, and in a second synthetic, resin is attached to starch by chemical bonds.

Narayan's own work at Purdue has focused on graft polymerization which forms interpenetrating networks of starch and plastic molecules.

"The Canadian product is already on the market. Alternate or competing technologies may or may not prove superior, but it is important at this stage not to put all the research eggs in one basket. An environmentally-driven market for these products is almost assured, but product refinement and cost-effectiveness will determine which process fills the niche best," he said.

The ability of corn products to slowly degrade over time also has potential in the timed release of pesticides in the soil and medicines in the body. Dr. Arthur Wallace of the University of California at Los Angeles reviewed the use of polymers derived from corn in plant growth media to retain water, release nutrients and aerate the soil. Already patented in Europe, corn based polymer pellets are used in the timed release of fungicides, insecticides, fertilizers and herbicides.

"The best short term prospect for corn in this area is probably as a biodegradable plastic. Cost will help dictate the product's acceptance, but so will the urgency of cleaning up the environment. The economic value of biodegradable ag mulch films based on lactic acid polymers presents an appealing symmetry in which farmers are doubly benefitted," he said. "In the longer term, large volume use may result as styrofoam service ware if replaced by biodegradable plastics."

Narayan noted that currently corn wet millers can produce virtually all the corn fractions required for these new and exotic applications. "Some adjustment or refinement of technology is needed, but the biggest challenge is to give the corn refiner the economic incentive to expand his product line, to begin to view himself as a supplier of industrial feedstocks. Once these producers can show end users a chemical that meets specifications and results in an environmentally desirable, economic end product, corn farmers will have broken into a major, long term outlet for their production," Narayan said.

Soil Test Fact Sheet

ITHACA, NY — What is the pH of your soil? Are you spending money unnecessarily to fertilize soil that does not need fertilization? Will the plant you have thrive in your soil?

The only way to find out the correct answers to the above questions and more is to have your soil tested. But how do you take a soil sample and, once you do, what do you do with it?

A four-page fact sheet, "Sampling Soils for Soil-Test Nutrient Analyses and Recommendations," has just been published by Cornell Cooperative Extension. The fact sheet, written by Gregory A. Ferguson and W. Shaw Reid, of the Department of Agronomy at Cornell University, tells what a chemical soil test is, and gives information on types of soils.

The fact sheet is available from Cornell University Distribution Center, 7 Research Park, Ithaca, NY 14850. The 45-cent cost covers postage and handling.

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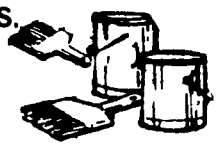

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Pennsylvania Dairy Herd Improvement Association

May 1987

Name	Brd	No. Cows	%-Days In Milk		Milk Lbs	Fat Lbs
Eugene W Hall		3	70 6	92 5	21,191	834
Bar Vista Farm		B3	44 6	92 1	22,897	812
Charles F Ulmer Jr		B3	34 2	93 7	21,968	775
Don & Scott Lepley		G3	40 0	89 4	20,993	732
Vollman Dairy Farm		B3	45 6	84 6	18,490	716
Franklin J Finck		3	93 9	90 4	18,930	712
Schon Crest Farms		B3	47 0	90 3	20,756	710
Marshall Bros Inc		3	126 8	84 0	17,589	702
Samuel & Larry Fry		3	104 5	89 7	19,925	699
Fred&Scott Lovell		B3	38 8	87 7	19,403	699
Benjamin E McCarty		B3	47 4	87 5	18,740	697
Ritter-Ridge Farm		3	104 6	85 3	20,472	696
Willard M Brelsford		B3	41 7	86 1	17,818	695
Mars View Farm		3	77 5	87 5	18,565	690
Dale F Cooley		B3	39 7	89 2	20,492	682
Burton Y Staman		3	69 9	84 9	18,937	675
Milton S Fuoss Jr		3	38 9	84 4	18,430	674
John C Bower Jr		G3	94 2	85 8	18,033	673
Marvin L Waltz		B3	70 7	85 0	18,176	669
Rodger & Owen Swartz		B3	74/6	88 4	18 604	663
Mont Will Farms		B3	39 3	88 6	19,116	663
Kenneth O Bastion		B3	35 2	88 2	18,847	663
John Snyder		3	49 7	87 1	18,292	660

The following cows completed lactations over 850 pounds of fat

John C Bower Jr Cindy	3	4 1	305	21 171	4 1	870
Bar Vista Farm Phillı	3	6 1	305	26,329	3 8	1013
Ritter Ridge Farm Dice	3	3 6	305	24,554	3 8	949
Marshall Bros Inc 205	3	5 11	305	22,144	3 8	854
265	3	4 8	305	22,489	4 3	977
Miller & Rearick 75	3	4 5	305	21,852	4 0	882
Burton Y Staman 63	3	6 11	305	24,098	4 0	980
Milton S Fuoss Jr 29Marge	3	4 4	305	22,684	3 8	864
H H Drick 43	3	7 5	305	25,344	3 5	906

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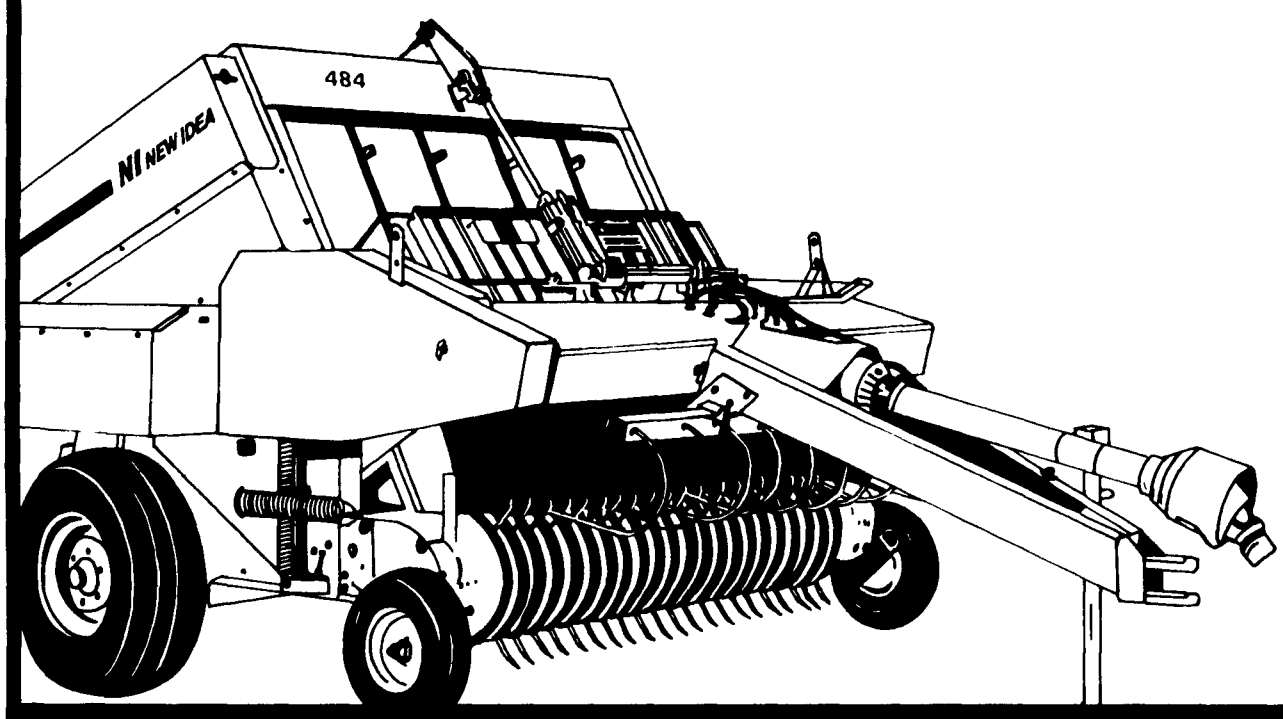

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These Bugs Are Natural 'Insecticides'

NEWARK, Del. — The use of natural enemies against important insect pests is a well-established practice. Entomologists have been doing this for years. By maintaining conditions favorable to insect predators and parasites, farmers and homeowners can help such beneficial insects be more effective as pest control agents.

Some of the most important beneficial insects native to the mid-Atlantic region are ladybird beetles (ladybugs), lacewings, ground beetles, praying mantises, dragonflies, wasps, syrphid flies (flower flies), ant lions (doodlebugs) and lightning bugs (fireflies).

"To take full advantage of these helpful insects," says University of Delaware extension entomologist Mark Graustein, "you must know how to recognize them and protect them from indiscriminate pesticide use." Except in cases of a severe outbreak, he says many crop pests can be effectively controlled by natural pedators, if these are present.

Graustein offers the following information to help make the most of naturally occurring beneficial insects in yards and fields.

• **Ladybird beetles or ladybugs** — These small, bright orange-red (or yellow) beetles with their black (or white) wing spots are familiar to almost everyone. But many people are not familiar with the immature or larval stage of this insect, which is just as important as the adult in keeping down the "bad guys." The larvae of most ladybug species resemble tiny blue-black and orange alligators. Eggs of the beetle are yellow-orange and spindle-shaped. Females lay anywhere from 300 to 1,500 eggs during their lifetime, depositing them in compact clusters on leaves or ground litter.

Both ladybug adults and larvae feed chiefly on aphids, but they also eat scale insects, mealybugs, spider mites and the small egg masses of other insects. A few even eat mildews. Graustein says a single beetle may consume more than 5,000 aphids during its lifetime.

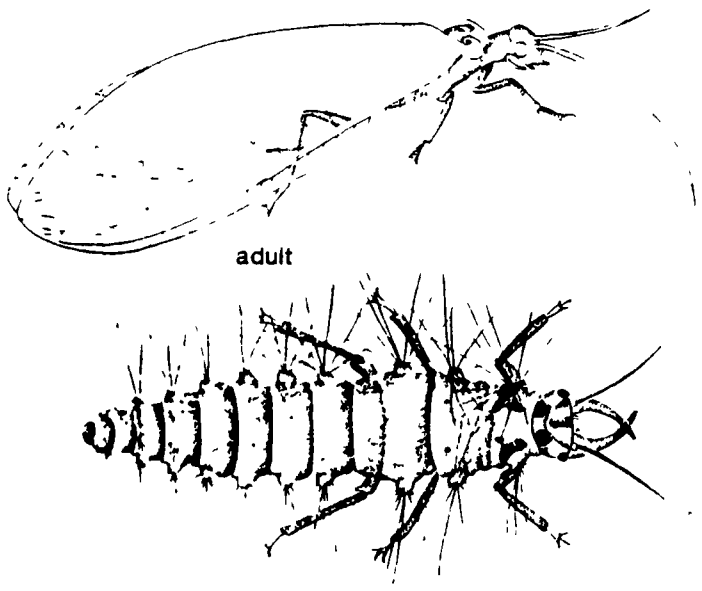
• **Lacewings** — named for its gauzy, green (sometimes brown) lace wings, this insect has jewel-like gold eyes and produces aphid-eating larvae. The grayish brown larvae are about three-eighths of an inch long, with sharp, curved jaws that extend beyond their heads. Besides aphids, they feed on scales, mealybugs, thrips, mites and insect eggs.

"The larva's appetite seems to increase with each pest consumed," says the entomologist. "It can devour a hundred or more insects a day."

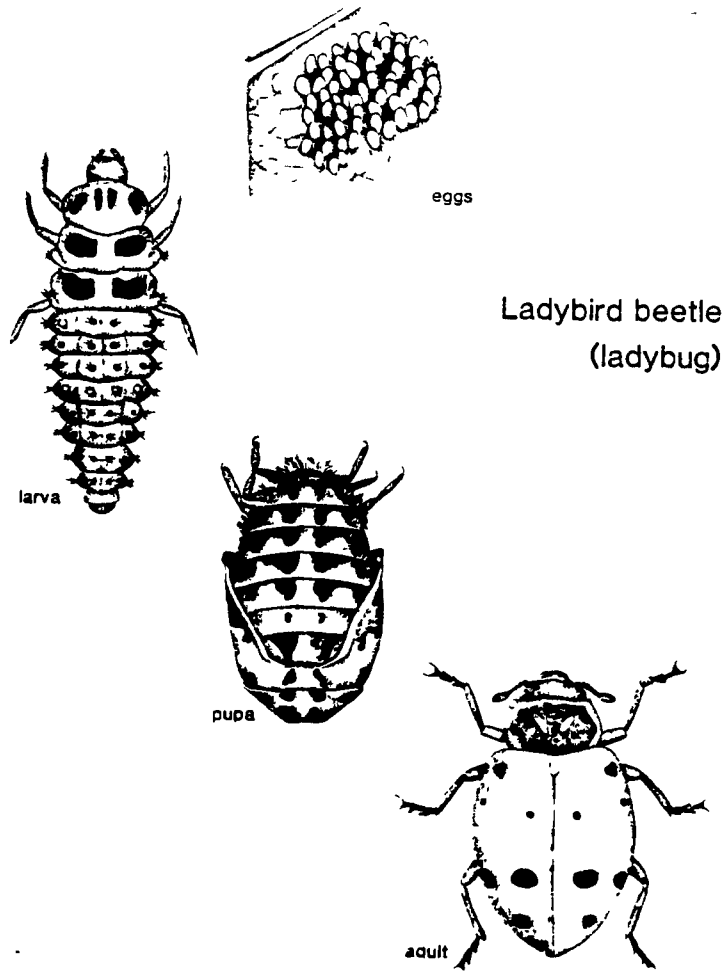
• **Praying mantises** — These exotic-looking insects feed on a variety of insects. They wait to ambush their prey with front legs held in the raised position that

(Turn to Page D13)

Lacewing



Lacewings and their larval forms feed on aphids and other insect pests. It pays to protect them from chemical pesticides.



Ladybugs eat aphids, scale insects, mealy bugs and spider mites. Immature stages are as valuable as adults for insect control.

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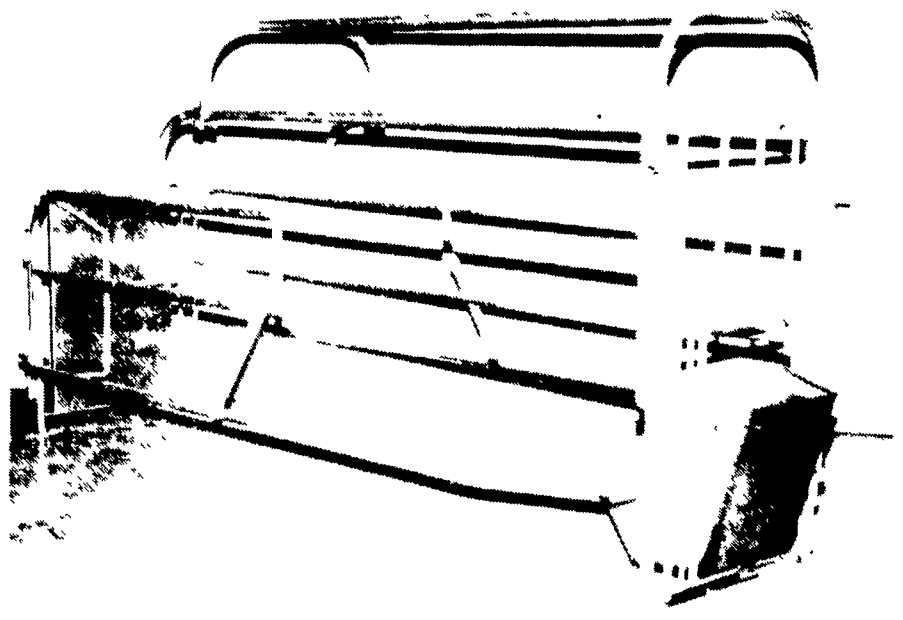

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Natural 'Insecticides'

(Continued from Page D12)

gives them their name. They're also cannibalistic. If food is scarce, they will eat each other until only one remains. Graustein says its chief value as a predator appears to be as a control for insects such as crickets and grasshoppers.

• **Dragonflies** — These large insects dart and soar over ponds and streams with a freedom the most daredevil of pilots might envy. Dragonflies catch and eat their prey in flight. Mosquitoes and other flies make up a large part of their diet.

• **Braconids and other wasps** — There are many species of parasitic wasps, some so tiny they're seldom seen. They lay their eggs in the bodies of other insects, including caterpillars, aphids, thrips and borers. Once hatched, the larvae feed on the inner body fluids of the hosts. Some of the most common of these wasps parasitize sphinx moth larvae such as the tobacco and tomato hornworms.

• **Syrphid flies** — Commonly called flower flies, they may be brightly colored. Many resemble wasps and bees hovering over flowers; however, they do not sting. The larvae of most species are predaceous, feeding on aphids. They may also feed on the young of termites, ants or bees.

• **Ant lions** — Also called doodlebugs, these queer-looking creatures have long, sickle-shaped mouthparts. They're more common in the south and southwestern United States, but a few species are found locally. The larvae hide in burrows in the ground, waiting for ants to stumble in. Once inside, the ants are quickly gobbled up.

• **Ground beetles** — This beetle family contains hundreds of species. Though they differ in size, shape and color, most have somewhat flattened, dark and shiny bodies. Look for these beetles under stones, logs, bark, debris or just running about on the ground. Most hide during the day and feed at night. Nearly all prey on other insects. Some also eat snails.

• **Lightning bugs or fireflies** — During the early summer, adults of this insect are a familiar sight as they fly about in the evening, flashing their yellow lights. Most larvae are luminescent, too — hence the name, "glow worm." According to Graustein, the larvae feed on various small insects and snails.

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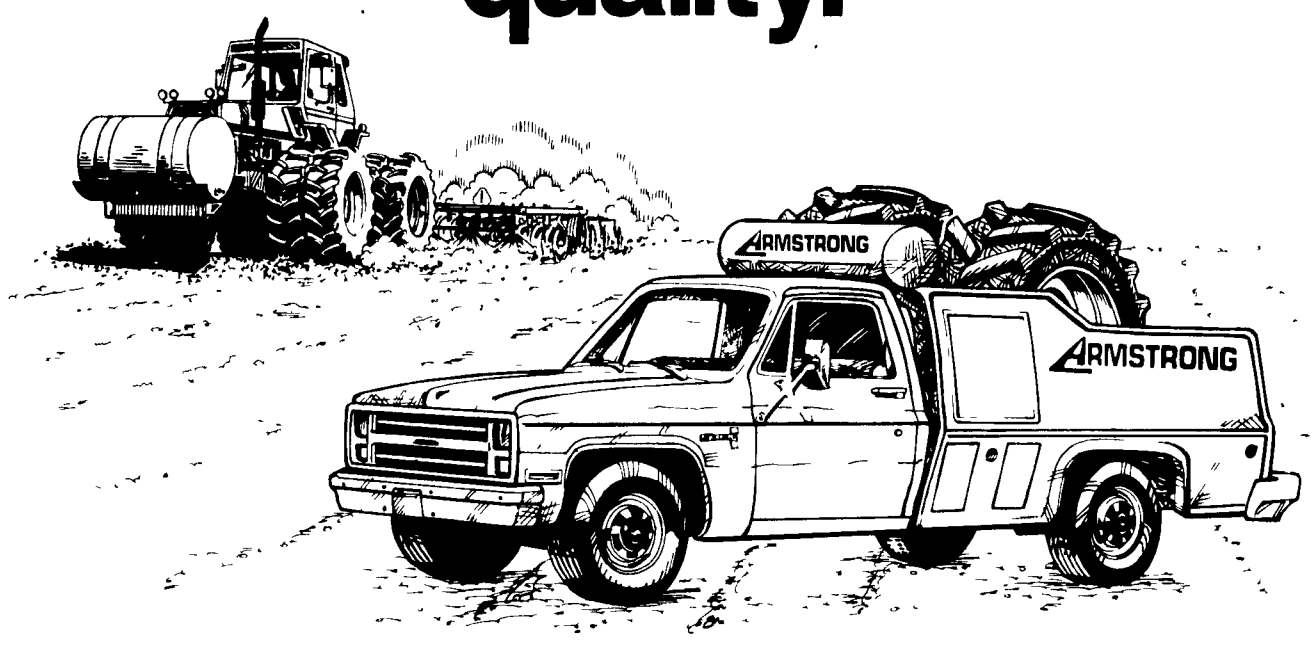

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Berks Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

May, 1987

Name	Brd.	No. Cows	%-Days In Milk	Milk Lbs.	Fat Lbs.
Hiddenview Holsteins	3	68 9	85 4	22,625	832
Mertz Brothers	3	40 3	87 1	22,916	811
Mark A Wolfskill	3	99 6	85 4	21,413	797
David L Schrack	B3	102 5	87 5	19,663	768
Merlin J Grube	B3	48 8	88 0	20,489	764
Junge Farms	3	77 3	88 3	20,251	762
Forrest C Stricker	B3	56 2	86 0	21,117	747
Heindel Farms Inc	3	43 0	87 9	19,974	745
Plushanski Farms Inc	3	143 2	84 7	19,319	743
Raymond A Seidel	3	42 4	89 7	19,169	741
DJSP Schuler	3	62 8	86 9	20,939	740
Richard A Bleiler	B3	54 1	88 4	21,382	728
Vista Grande Farm	3	87 5	86 9	20,927	727
Bendy Brook Farm	3	47 2	84 5	19,710	723
RR Troutman & Sons	B3	139 4	84 6	18,936	723
Irvin G Weaver	B3	54 0	90 9	20,149	*722
George S Troutman Jr	B3	79 1	88 3	18,896	722
Arlan Krick	B3	65 4	88 8	18,874	713
Mervin Brubaker	B3	67 8	85 6	19,738	711
William G Howerter	3	91 0	87 7	19,092	710
Swatara Dairy Farm	3	67 6	83 2	17,739	710
Reu Hel Farms Inc	3	97 6	86 7	19,337	*707
Ralph & Ken Sanner	3	77 1	86 9	19,502	706
Muddy-Creek Farm	3	43 0	87 6	19,605	702
Harold Schuler	3	39 2	88 2	19,845	702
Rothrock Golden Hol	B3	127 0	82 7	19,506	699
Daview Farm	3	71 3	83 0	19,889	698
Retland Farm	3	54 4	86 8	19,659	697
Show Top Farms	3	168 5	91 1	17,899	693
Udder Valley Farm	B3	79 9	86 1	18,825	693
Nathan Nolt	B3	54 7	88 1	19,216	692
Zahncroft Farm	3	57 1	88 5	19,126	691
Robert E Kopfer	B3	65 3	86 1	18,832	687
Robert C Dreisbach	4	84 5	85 4	13,770	685
Blue Mtn Academy	B3	130 4	89 9	18,990	685
Elvin Brubaker	B3	42 4	87 4	19,215	683
FM Browns Sons Inc	B3	99 6	91 0	19,350	678
Leroy E Howard	3	146 1	89 7	18 526	677
Andrew D Stoltzfus	B3	111 7	87 3	19,206	674
Clarence B Kulp	3	73 9	89 0	19 960	672
Harvey M Weaver	B3	49 1	86 2	18,742	672
Tulpa-Canal Farm	B3	37 6	87 9	19,099	668
Leonard G Stoltzfus	3	107 0	85 2	19 487	667
Dean&Brenda Daubert	5	37 9	88 5	16 940	665
Plenty-Good Holstein	3	63 9	84 7	18,383	664
Alton Rohrbach	B3	55 0	88 7	19,037	661
F Mark Weber	8	37 0	82 4	17,367	661
Yost Brothers	B3	111 8	86 5	19,465	660
Oleka Acres	3	54 9	85 7	19,674	660
Donald B Duncan	B3	104 4	87 5	18,429	659
Martin & Missy Moyer	B3	50 8	85 8	18,720	655
Grumbro Holsteins	3	49 6	84 2	17,273	655
Daniel J Harnish	B3	102 8	86 0	17,368	654
Frank G Gromlich	3	71 7	82 4	17,201	654
Fred J Walters	B3	85 1	86 2	18,467	647
Luke Snyder	B3	55 7	85 9	18,549	645
Wooden Bridge Farm	B3	55 4	86 1	19,789	645
Kenneth Zook	B3	53 0	90 3	18,225	645
Glenn R Harnish	B3	137 3	87 0	17,941	644
Leon H Martin	B3	40 8	88 9	18,155	643
Ernest C Hoffman	3	58 6	88 4	17,729	643
Ker Min Farms	3	82 1	86 5	17,666	642
Bernell L Burkholder	B3	43 1	83 8	18,403	642
Rolling Acres Farm	G3	38 3	83 5	17,462	641
David Gross	B3	38 8	86 2	18,551	640
Glenn B Gockley	B3	45 7	86 1	18,722	639
George E Moyer	3	106 0	85 5	17,621	638
Ronald Kelchner	B3	77 5	86 4	17,618	636
Ray E Bicksler	3	49 1	87 6	17,802	635
Robert L Sattazahn	B3	97 2	89 8	18,078	*633
Linden Loch Holstein	3	40 9	82 8	17,064	633
Floyd Kurtz	B3	55 9	87 4	18,486	630
Bos Belle	3	7 0	84 6	16,670	630
Donald Burkholder	B3	105 8	86 4	17,794	630
Rick Phillips	G3	62 5	81 9	17,462	628
E Daniel Leatherman	B3	67 0	87 4	16,861	627
Scattered Acres Inc	B3	143 8	81 2	17,898	627
Earl R Hafer	B3	120 5	86 8	17,903	627
Ernest O Miller	B3	223 6	85 9	17,144	626
Jeffery J Vanhorn	B3	34 8	91 1	18,143	626
Hy-Del Farm	B3	43 4	84 2	18,365	626
Heindel Farms Inc	1	22 6	86 4	15,706	625
Ken & Debra Dietrich	B3	50 9	82 6	17,411	625
David J Williams	B3	47 9	83 8	17,884	624
Charles W Wagner	B3	48 9	90 0	17,939	624
Lawrence Kieffer	B3	94 8	86 8	17,369	622
Harvey C Krill Jr	B3	55 0	89 3	16,453	621
Landis R Martin	B3	52 3	87 0	17,076	620
Wilhomar Farm	3	42 4	84 5	18,074	618
Charles D Moyer	B3	126 5	88 3	17,446	618
Don Aloan	B3	48 3	84 5	17,468	616
Bruce Reigel	G3	39 5	84 6	16,249	615
Gary Martha Heffner	B3	43 1	85 1	16,737	615
Herb Top Farms	B3	42 5	84 8	16,991	615
Ray W Seidel	B3	39 7	88 1	16,682	612
Lynnacres	3	199 6	90 4	17,368	612
Mark G Hoch	B8	62 0	87 9	16,574	611
Raymond L Kulp Son	B3	86 4	90 5	16,962	609
William C Adams	B3	86 7	89 3	14,646	605
Meadow Spring Farm	B3	54 0	84 0	18,225	605
Harold Fenstermaker	3	33 9	86 2	15,774	604
Win-Dale Farm	4	54 1	86 5	12,154	603
Joe & Deb Kohler	B3	36 8	87 7	17,176	602
Donald M Meyers	3	60 2	88 9	16,449	602
Albany Farm	B3	34 9	88 6	17,329	600
Lowell C Kurtz	B3	35 0	83 9	16,832	599
Herb Top Farms Jer	B4	5 4	90 2	13,527	598
Whirlwind Acres	B3	114 0	87 9	16,890	598
Rodger L Wagner	B3	139 6	88 3	16,444	598
Jacob M Wise	G3	43 2	84 2	17 493	595
Red Fever Farm	B3	70 8	86 8	16,772	595
John H Stump	3	70 6	88 9	16,966	594
Robert Yanos	B3	59 1	88 9	16,133	594
KL + BA Grimes	B3	144 4	87 7	15,787	592
Elam G Hoover	B3	71 1	88 5	15,392	591
Melvin M Oberholtzer	B3	41 3	82 6	18,101	590
Pinnacle View Dairy	B3	45 6	86 4	16,409	589
Robert E Kieffer	B3	58 8	88 9	16,704	588
Teen Chal Farm	B3	124 4	86 6	16,908	588
Samuel L Mast	3	47 5	84 5	16,351	588
Wilmer Dreibelbis Jr	B3	112 0	83 9	15,915	586
Dennis Adam	3	34 7	90 0	15,291	584
Terry Kunkel	B3	43 1	81 9	17,756	583
Richard W Hoppes	B3	66 8	85 8	16,166	583
Ontelynn Acres	3	134 4	88 2	15,217	583
JD Rosenbaum & Son	B3	78 3	87 9	16,143	582
Pine Brook Farm	3	114 3	83 6	16,216	582
Clarence C Sattazahn	B3	108 9	88 8	15,659	582
Larry E Phillips	B3	37 3	83 4	16,077	579
Wilhelminia Schmidt	3	58 2	87 6	16,644	579
Ronald Weyer Jerseys	4	2 0	85 8	12,721	576
Savidge Farms	B3	51 0	85 8	15,901	573
Eleanor K Siegfried	3	110 5	90 8	15,979	573
David Y Knauer	B3	52 9	83 1	16,943	571
David L Phillips	4	45 1	85 8	12,566	571
Ro Ria Farms	B3	224 1	90 0	15,558	569
Carl H Rabenold	B3	65 5	83 0	17,452	566
Harold Dietrich Jer	4	7 0	90 5	13,338	566
Richard Schlegel	B8	59 0	85 1	16,323	565
Lester Martin	B3	45 6	87 0	15,545	564
Clyde Loump	B3	56 6	84 6	15,509	560
David Risser	B3	43 6	88 3	16,795	559
Glenn E Hoffman	B3	58 9	83 1	15,527	558
Harold Dietrich	B3	36 1	89 7	16,091	556

3x milking

McKean Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

May, 1987

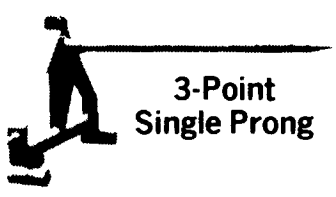
Owner	No Cows	% Days	Milk Lbs	Fat Lbs
Thomas Spees	36	88 7	21,273	777
John H Lapp	57	88 3	21,763	774
Charles Irons	83	86 2	19,476	770
Ken & Doug Comstock	32	86 5	19,121	693
Orton Kinney	28	85 6	18,609	687
Mantz Farms	41	89 0	17,553	682
Matthew Windsor	30	87 9	18,008	677

The following cows completed lactations over 850 pounds of fat

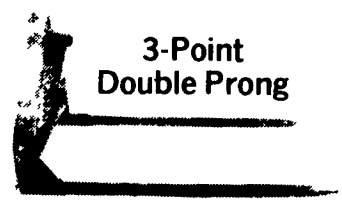
Charles Irons				
Pcinder	6 4	305	24 573	889
Cintra	2 11	305	23 640	1010
Mantz Farms				
Reba	7 4	305	23 506	876

PAUL B. Zimmerman INC.

ROUND BALE MOVERS

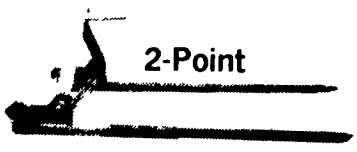


3-Point Single Prong



3-Point Double Prong

The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.



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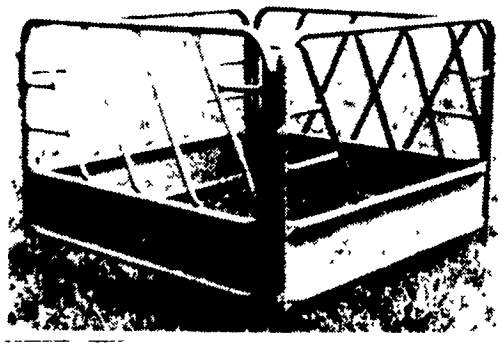

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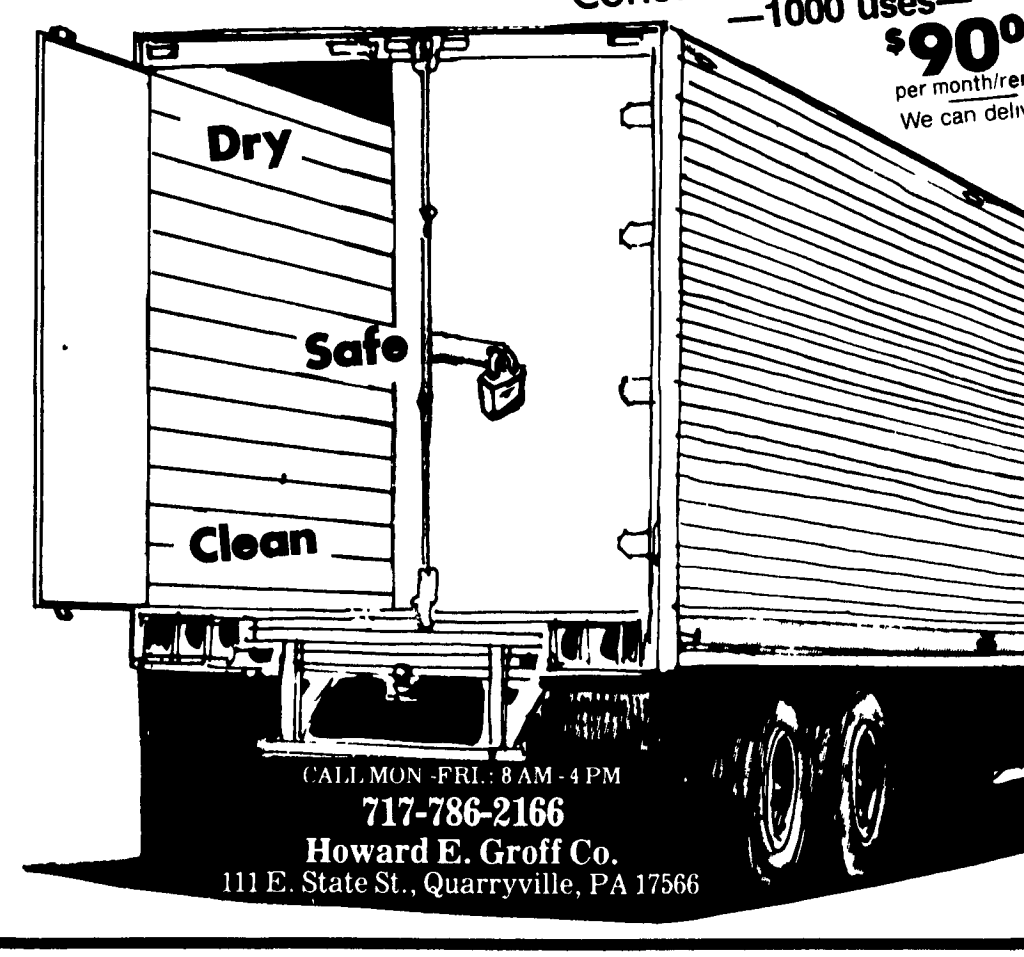

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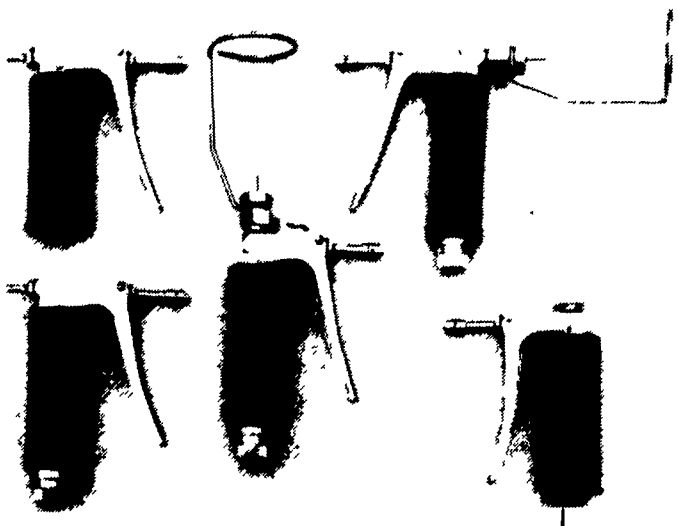

Kaycee Veterinary Products offers eight syringes for the livestock industry. Tested worldwide for 25 years, the design offers full control and easy handling. Called Ovijector, Avijector and Minijector, the units are made of a long lasting nonferrous material and have self adjusting piston seals for longer life. There are no glass barrels to break. Manufactured by Kaycee Products, Ltd., of England, the syringes are marketed by SMC, Orange Park, Fla.

Insects Threaten Maryland Trees

ANNAPOLIS, Md. – Defoliation of oaks and other hardwood trees by the leaf-eating cankerworms has been noted in many areas of Garrett County, Maryland, this spring. Areas hardest hit are the Savage River and Deep Creek Lake sections of the county where 36,496 acres of defoliation have been recorded.

The first reports of damage came from sections of the Savage River State Forest just after Memorial Day. A similar outbreak of the fall cankerworm and other loopers occurred in Garrett and Allegany counties and nearby areas of West Virginia during 1981-1983.

Several species of loopers, or "inch-worms," are involved in the current outbreak. The loopers hatched early in the spring just about the time of budbreak and are not fully grown and have stopped feeding on the leaves, according to David Cohen, regional entomologist for the Forest Pest Management Section of the Maryland Department of Agriculture. They start feeding slightly earlier than the gypsy moths which are also causing defoliation of the oak forests in localized areas of western Maryland. "Gypsy moth defoliation is also starting to show up in Garrett County," reports Cohen, "sometimes in areas where we have looper problems. However, almost all of the defoliation that we've seen thus far has been caused by the loopers, especially in the Deep Creek Lake area."

KUBOTA COVERS THE FIELD

Kubota has the field covered with dozens of diesel tractors. From 10 horsepower lawn and garden tractors to 85 PTO horsepower turbo charged farm tractors.

And while they vary in size, all are built by Kubota to exacting quality specifications. All are powered by Kubota diesel engines. They're sturdy and dependable, fuel efficient, and require little maintenance.

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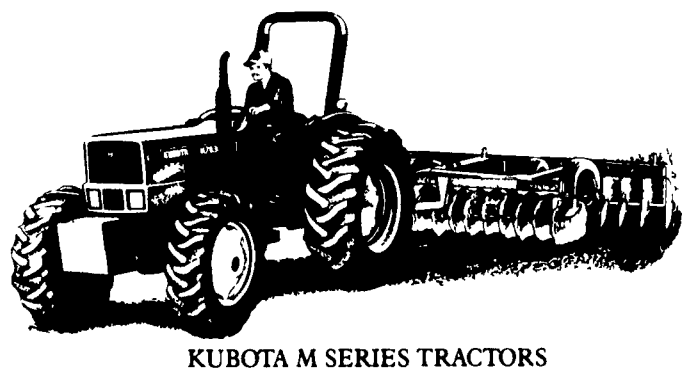
KUBOTA B AND L SERIES TRACTORS

Model	CYL	HP	Choice of Transmission
B4200	2	12.5*	Standard
B5200	3	13*	Standard
B6200	3	15*	Standard or Hydrostatic
B7200	3	17*	
B8200	3	19*	
B9200	4	22.5*	
		PTO HP	
L245HC	3	21*	Standard
L355 SS	4	29*	Hydraulic shuttle shift
L2250	3	21*	Mechanical shuttle shift
L2550	3	23.5*	Mechanical shuttle shift
L2850	4	27*	Mechanical shuttle shift
L3350	4	32*	8 x 8 or Hydraulic shuttle shift
L3750	5	36*	
L4150	5	40*	

KUBOTA LAWN & GARDEN TRACTORS

Model	CYL	HP	Transmission
G3200	2	10	Standard
G4200	2	12	Standard
G4200H	2	12	Hydrostatic
G5200H	3	14	Hydrostatic
G6200H	3	16	Hydrostatic



KUBOTA M SERIES TRACTORS

Model	CYL	PTO HP	Speeds Forward/Reverse
M4030	6	43.00	8/4
M5030	6	49.00	16/4
M6030	3	57.00	16/4
M7030	4	68.00	16/4
M8030	4	76.00	16/4
M4950	6	49.57	12/4
M5950	3	58.00	12/4
M6950	3	66.44	12/4
M7500 LP	4	72.00	16/4
M7950	4	75.44	12/4
M8950	4**	85.00	24/8

*Manufacturer's estimate **Turbo aspirated

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Clinton Co. Fair

"The Whites", known as the "first family of country music," will be this year's main entertainment at the Clinton County Fair. This year marks the twentieth year that The Whites have been on tour.

There will be advanced tickets on sale for each show on Monday, Aug. 3. The first performance begins at 7 p.m. A 9:30 p.m. feature is also scheduled for that day. Cost of tickets will be $7 for track and $5 for bleachers.

MAILBOX MARKET FOR SALE

Girton D2 1000 gal. 5 hp. compressor auto washer Delaval 76 & 74 vacuum pump, Delaval milker, Rissler TMR mixer barn cleaner chain. Berks Co., 215-678-3723.

JD 35 Forage Harvester, hay pickup head, 2-row cornhead, 1,000 rpm, good cond. Burlington Co., after 6 p.m. -609-267-9433.

Nubian Buck, proven 1 yr., 3 mos. old. Horns, w/papers, $500. Also, free kittens. Baltimore Co., White Hall, MD. 301-357-4580.

1975 Honda 550, very good cond., 13,000 miles, asking $400, call anytime, Blain, Pa., Perry Co., 717-536-3221.

Gentleman's farm, Berks Co. 1840's house, barn, stable, pastures, pond. New large country kitchen. 4 miles to Morgantown trnpk. 215-286-9778.

6 yr. old Amish carriage, fiberglass box, good cond. Sam Smucker, Box 712, RD3, New Holland, Pa. 17557, Lancaster Co., 717-656-8420.

AKC German Shepherd pups. Both parents on premises, Lancaster Co., 717-656-6727.

1939 JD B hand start, styled, runs good, easy starter. Ready for work or show, $850. Chester Co., 215-458-8259 after 4 p.m.

Ferguson model 20 tractor. Cumberland Co., 717-258-3350.

Kitchen cabinets, wood, painted white, 8' 8" top and base. Lancaster Co., (Manheim, Pa.) 717-665-3669.

Coby Dump Wagon, 175 bu. gravity on 8 ton gear. Dodge D50 4x4, loaded, show room condition. Farmall C. Berks Co. 215-683-5269.

12' Livestock bed w/2 side doors, 1 rollup calf box, excell. for horses, 7' high, can deliver; 814-684-0798.

275 Gal. gas tank w/pump, grain and hay elevator, hay rake Baylor, grain drill. York Co., 717-755-8327.

VW pickup truck, 1980 front wheel drive w/extra package. Good cond., $2100, Lehigh Co., 215-767-7140.

6 Ac. Lush pasture for rent, stream+shade trees+open shed w/free choice hay/silage 40 cents/head/day woven fence. Manheim area, Lancaster Co., 717-664-2197.

AKC Cocker Spaniels, 1 yr. old female, 7 yr. old male, buff colored, best offer. Lancaster Co., 717-665-7765.

1952 Ford F2 truck V8 motor, good 6x8' stake bed will run, Montour Co., 717-437-2917.

Two Heil farm pick-up milk trailers, 4600 gal. 1 single compartment, storage only 1 two-compartment, road worthy. Salem Co., NJ 609-769-0635.

Rear tractor wheels, fits Farmall H, good cond., $300. Call Wed. to Sat. A.M., 717-786-8279.

Loader-Hoe diesel for parts, hyd-pump, 50 h.p. drive, water pump 40 h.p. drive motor, 7.5 h.p. 1 phase. Chester Co., 215-286-0084.

Snyder Co. Farm, 10 acres, large brick remodeled house, 7 room apt., large barn, other outbuildings, garage. 717-374-3505.

Rabbit pens. All sizes, 18"x24"x36" is $25. Can make trays. David L. Renno, RD2, Box 305, Mifflintown, Pa. 17059.

9 Ton Eager Beaver Trailer, 1983, $3,000 obo. Bucks Co., 215-795-2154 or 795-2170.

Grain Dryer, 2,000 bu. bin grain augers 8" 51' 6" 44' grain cleaner 2 gravity wagons. Chester Co., 215-444-5943.

MAILBOX MARKET FOR SALE

6-horse Gooseneck tri-axle trailer, individual stalls 90% reconditioned, needs sandblasting & painting. Montgomery Co., Best offer, 215-539-8932.

1940 Auto car truck, ice crusher, blower, Continental powered McCormick #9 mower, JD 7' grain binder, JD & McCormick cornbinder, 3 btm. semi-mtd. plow. Westmoreland Co., 412-696-4225.

AKC Chow Chow puppies, $200. AKC Old English Sheepdog puppies, $200. We also have St. Bernard stud service. Lancaster Co., 717-548-3814.

Pony 12H 5 yr. reg. 1/2 Welsh make broke to ride started to drive. Beautiful pony belongs in the show ring, $800. Adams Co., 717-359-5281.

Electric Challenger Fogmaster Tri-Jet Fly Fogger, used only a few times, $40. Northumberland Co., 717-742-9860.

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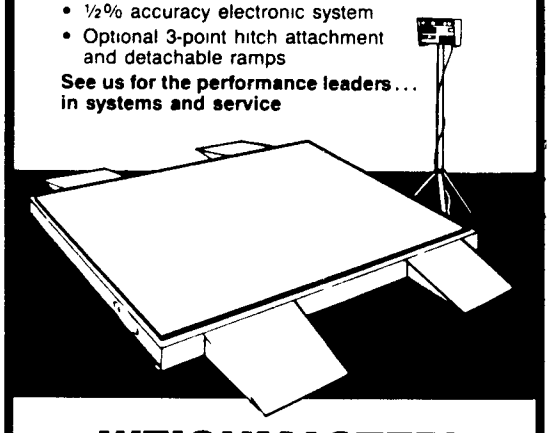

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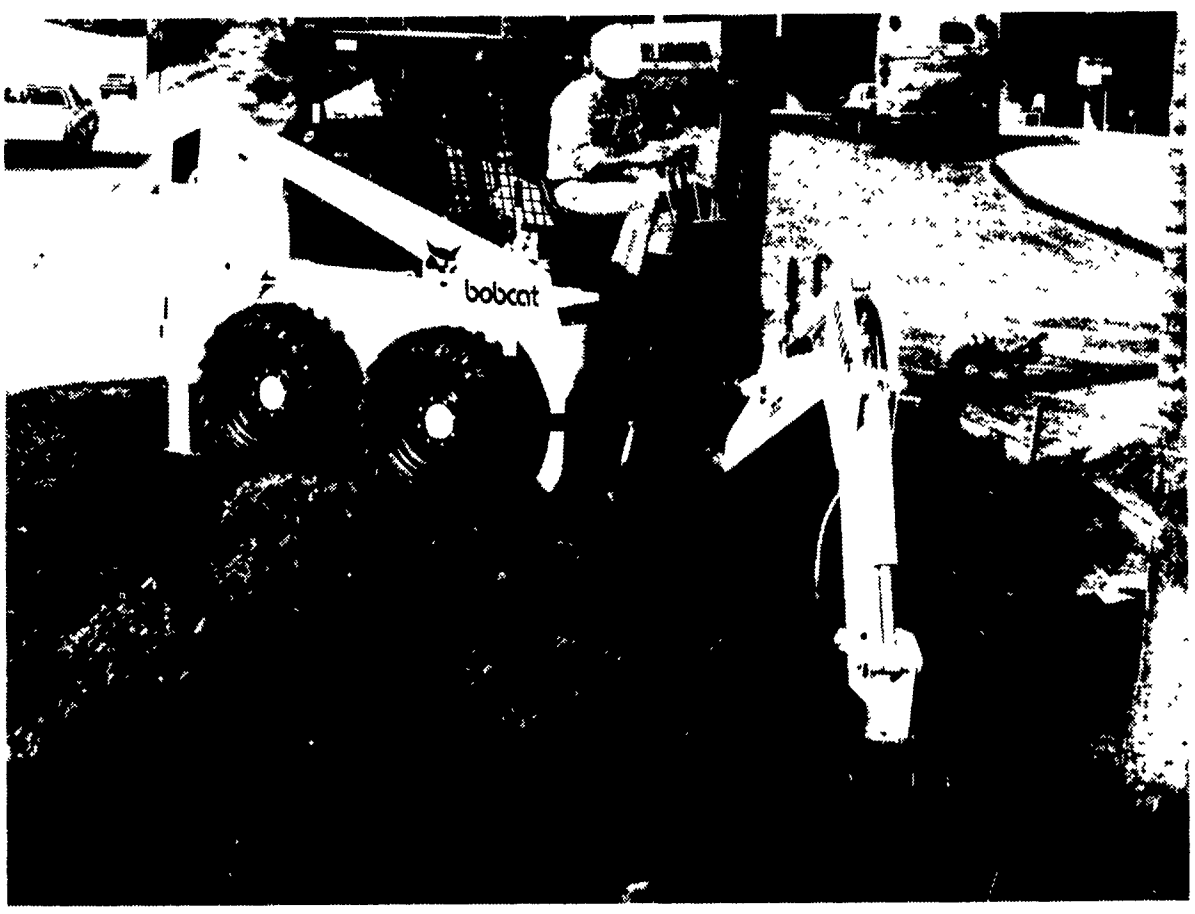

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MAILBOX MARKET FOR SALE

McCormick 45 string baler, New Idea 4-bar hay rake, Papec corn chopper, $100. ea. 215-343-0342.

3 Smidley 16 hole feeders top adjust stainless steel bottoms and corners, excell. cond., $150 ea. Lancaster Co., 717-665-2561.

Eureka 2-row potato planter w/dry insecticide box $400 or best offer, 1-row 3 pt. cultivator, $100. York Co., 717-235-6733.

7 head bred Holstein Heifers, 3 reg. 4 grade, due late August, Cumberland Co., call weekdays, 717-245-0103.

84 VW Diesel Rabbit, silver 4-dr., clean, good cond., radial tires, X-tra mtd. snows, AM-FM stereo, $2350 or B.O. Lancaster Co., 717-529-6715.

NI Hay rake w/all rubber teeth, excell. cond, $600. Also JD 24T baler, excell. cond, $900. OBO. Lancaster Co., 717-872-6601.

JD 820 3 cyl. diesel low hrs., 3 ph. new front tires and batteries, very good cond., Berks Co., 215-367-5870.

Black walnut trees 5 large mature, ready for harvest. Juniata Co., 717-545-2086 Dau. Co. evenings.

Mobile Home 10x50, good cond., $600. 717-294-3711.

Executive walnut desk, formica-grained top. Perfect cond. Has typewriter extension and red leather swivel chair. Dauphin Co., 717-761-6045 after 3 p.m.

1972 Int. 4 wd p.u. snowplow 7'x8' steel bed, new clutch, exhaust system, water pump, radiator master cylinder, insp. asking $1300. 215-933-0699.

100+ round bales alfalfa & early cut mixed $15 ea. Ear corn $65/T, you haul. 215-932-3724 eves.

IH 200 manure spreader, 65 bu. $400; Grove chuckwagon, PTO, F+R unloading on 8 ton gear, $1300. Both very good, Carroll Co., 301-848-0711.

Have 472 NH 7' haybine, will sell or trade or buy 12' SP or pull-type in good cond., Washington Co., Md. 301-791-6135.

1973 Ford Wagon, $150. Soybeans 400 bu. $5.69. 1700 bu. soybean corn storage bin w/air for rent. Chester Co., 215-932-2453.

Proven Crossbred Boar, 20 mos. old. York x Spot x Duroc. A real go getter. Even tempered. Lehigh Co., 215-756-4206.

Lickity Log splitter, works great, $1200 OBO. Cat D-2 w/pony motor and winch, $2500. '967 14' dump truck, $3000. Northampton Co., 215-588-1350 after 3 pm.

Top quality alfalfa hay. David L. Stoltzfus, 135 Churchtown Rd., Narvon, Pa. 17555, Lancaster Co.

V-belts: Low prices; prompt shipment. FREE PRICE LIST. Weaver's Machine Shop, RD2, Box 2695, East Earl, Pa. 17519. 215-445-5898.

Approx. 200 ft. of 1 1/2" DeLaval glass pipe line reciever Jar 4 units washer complete. Montgomery Co., 215-948-4195.

NI 702D w/760 Chopper and 710 combine, will sell just combine. Adams Co., 717-334-8289 after 6 p.m.

1000 ft. Schedule 40 plastic pipe 20 ft. sections 2" with sprinklers $450. Perry Co., 717-536-3265.

IH #93 Combine with 10 ft. platform and 227 2-row cornhead. Good condition, recent overhaul, clean machine. Perry Co., 717-567-3891.

White embossed .090 glassboard 8'x500' for $2,000; 4'x8' sheets, $19.20 each, 4'x8' gloss board blems, $9.60. Luke Martin, Berks Co., 717-933-8541.

Hondas 1978 & 1976 Civics, both $1250. Contact Box 501, Emigsville, Pa. 17318, York Co.

JD 38 Chopper Dion Blower 16' Cobey self unloading wagon. Wyoming Co., 717-833-4115.

Approx. 40 ton ear corn at $60 per ton at barn. York Co., 717-432-3067.

1973 MF 30 industrial loader, detachable industrial backhoe rops, $9,500. Bucks Co., 215-822-2299.

All purpose mule, $350. Jonathan Lantz, Musser School Rd., Gordonville, Pa. 17529.

Oliver 70" $250 WD, AC w/loader, $750. Honda 200 3 wheeler, $400. 2 row transplanter, Lancaster Co., 717-684-5352.

Hercules unloader for Harvestore, Calumet manure pump, wide front for 656. Garrett Co., 301-245-4573.

M.M. combine model 289D 11 1/2' no corn head. York Co., 717-266-2632.

9 1/2' truck camper, 2-way refrig., furnace, bathroom, double sink, awning, fair cond. York Co., After 5 pm, 717-292-6620.

JD 820 2 cyl., good cond. Also open front JD B, runs good, needs restored. York Co., 717-432-3991.

Electric Dexter wringer washer, good working cond., $75. Lancaster Co., 717-354-7984.

20 Polled Hereford cows, some with calves and one herd bull. Schuyl. Co., 717-345-2488.

10 x 40 steel silo w/roof. Schuylkill Co., 717-425-3483 or 717-425-3698.

1 acre building lot in Perry Co., $600. 717-444-2162.

Owattona #30 S.P. windrower, 10 ft. cut with conditioner. Good shape, Lebanon Co., 717-949-3389.

YanMar 14 hp. 4-wheel drive tractor, mower, blade, loader, like new cond. Lebanon Co., 717-933-5115 after 5 pm.

8 New Holland 402 crimping McCormick PTO cornbinder, like new, Case 500 diesel tractor, new and used. New Idea cornpicker, Lancaster Co., 717-656-9733.

2 round corn crib roof 15' dia. good, clean, bright wheat straw, by the bale. Jesse L. King, Mt. Pleasant Rd., PO Box 142, Quarryville, Pa. 17566.

Kuhn Hay tedder 13', excell. cond. Asking $1,250. 1,000 gal. molasses tank, $75. Hunterdon Co., NJ 201-782-3162.

1981 Chev. Suburban 3/4 ton, AT, PS, PB, AC, V-8, towing pkg. cruise, new paint, 69,000, $5700. Carroll Co., Md. 301-795-6799.

New Idea 4 bar hay rake $75. Sears Farm Master, 2 gal. electric glass butter churn, $45. York Co., 717-292-6275.

1967 IH truck 1800 30,000 GVW 345 engine 5 spd, 2 spd. rear, 20' body, rack, new inspection, good rubber, $1350. Berks Co., 215-562-3152.

Gehl Haybine $600. New Idea pull mower, $275. AC B hydraulic, $75, Franklin Co., 717-264-1360.

1985 Yamahatriz 250, excell. cond. 1981 Maico 250, good cond., 1980 Honda XL500, like new. Northampton Co., 215-253-8076.

1" square tubing 16' long, 135 pcs. 15 cents a ft. Snyder Co., 717-374-8625.

45 International balers (2) one for parts. Works ok, $225, Lebanon Co., 717-867-1305.

440 gal. Mojonnier bulk tank w/compressor, Montgomery Co., 215-948-4195.

1982 E-250 Ford Econoline V-8, auto. Asking $3,000. Luzerne Co., 717-788-1614.

Case 220 baler for parts with a very good thrower or fix it up, $350 neg. Lebanon Co., 717-838-4075.

14" 2 bottom plow, 3 pt., good condition, $225. York Co., 717-225-4586.

72" stone rake, $150, 48" tandrm disc, $200. 12" plow, $85. 60" landscaping yard maker, $250. Excell. cond., Lancaster Co., 717-627-2864.

Utility box for across bed, step bumper from '85 Ford pickup. Wanted-8 lug 16" Ford wheels, Lebanon Co., 717-949-3734.

Chickens, 3 mos. old, 10 leghorn hens, $2.75 ea. Auraconas lay colored eggs, $3 ea. Perry Co., 717-834-3401.

1100 and 500 gal. air tanks, good cond. Moses F. Huyard, New Holland, Pa. Box 785, RD2, 17557.

7 yr. old pair proven Emu breeders, all colors peafowl breeders and chicks. Wanted-Mandarins wood ducks, swans, bl. & wh. 717-543-5231, Mifflin Co.

Polled Hereford stock bull, has been in service approx. one year. approx. weight 1500 lb. Juniata Co., 717-589-3320 or 3089.

JD 45 Combine w/grain head and 2-row corn head, $1,200 or best offer. 717-359-5281.

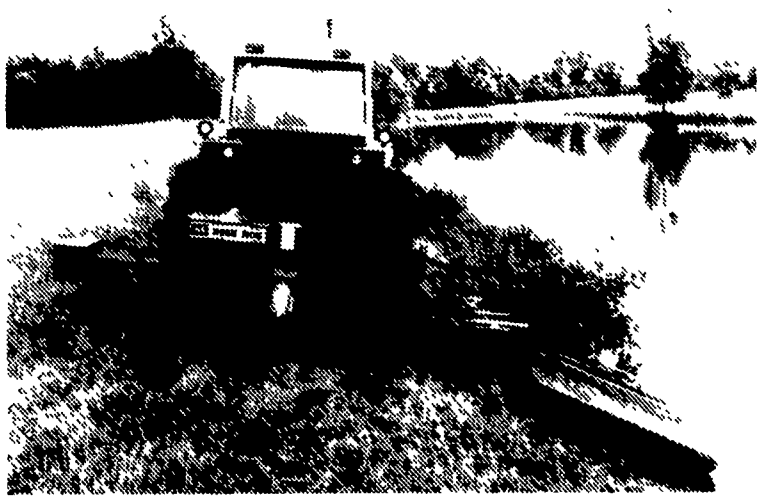
Reg. red and white Holstein bull, 2 1/2 years old. Sired by Walkway Monitor Joel. Franklin Co., 717-328-2971.

Dairy herd for sale-65 head, farm for rent. Young herd reg. and grade. 16,200 DHIA Test. Dauphin Co., 717-896-8656.

Beautiful PVC all weather swing set, sound box club house all in one. Only $550. Lebanon Co., 717-866-5972.

Electric gas pump w/tank, narrow front for JD 730, best offer. York Co., after 6 p.m.-717-432-3653.

THE SIDE-MOUNT THAT CUTS GRASS AND COSTS.



Our new Bush Hog SM-60 side mount cutter cuts ditchbanks, roadsides, and fishpond banks and it cuts costs. The SM-60 is engineered with the quality features that *are making* Bush Hog the biggest name in farm implements:

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Come in and see us to put all these features to work on your farm—cutting grass and cutting costs.

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SM-60 Side Mount

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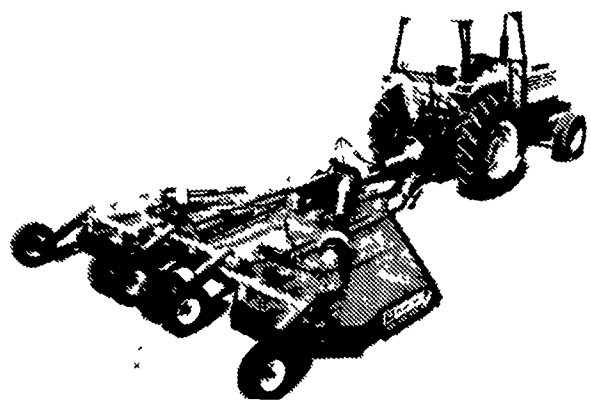

That's why the Bush Hog" model 2615 15-foot cutter's wings are designed to float along contours as severe as 90 degrees up or 22 degrees down while shredding stalks, clipping pastures or cutting along rights-of-way drainage ditches terraces and fence rows As it does so, an automatic height adjustment keeps the wings cutting at the same height as the center section A framing system featuring closed box members allows us to make the 2615 pounds lighter without sacrificing any of the strength you ve come to expect from a Bush Hog And, less weight not only means less wear and tear on your tractor but it has also allowed us to cut the price

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MAILBOX MARKET FOR SALE

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Gardenway fruit & vegetable drier, excellent condition, $65. Lanc. Co. 717-285-4293

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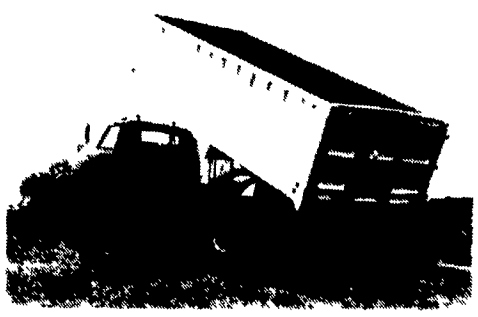

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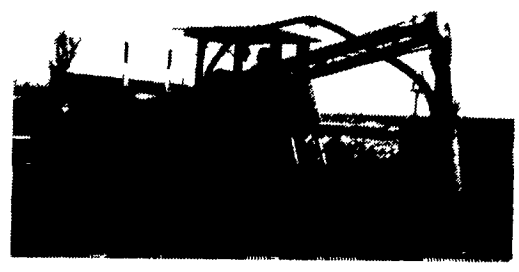

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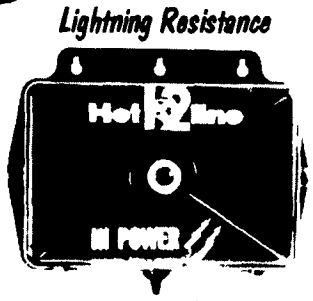

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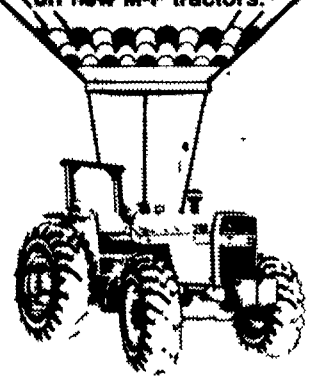

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275 purebred York boar, very aggressive; 2 pr. 2 yr. old peafowl & few young peafowl, guineas, ducks & geese. York. 717-244-0624.

Six holstein heifers breeding age. Lanc. Co. 215-445-4802.

House trailer good for shop or storage, 10x44. Best Offer. Lanc. 215-445-4383.

Rotary mower, 6', heavy duty, 3PTH, needs drive shaft work. 301-287-5277.

1973 Chevy pickup 4x4, auto, with new tires, fair, overall condition $1300; mixed grass hay $1 bale. Lanc. Co. 717-665-5268.

1975 Ford F250 Ranger, XLT, new radial tires, mechanically sound $1950. Lanc. Co. After Monday, 215-267-3770.

IH 720 harvester, elec control, 2RN corn head and grass head. Lanc Co 717-284-2825.

Iron kettle, very good $100 Jacob Zook, 4021A Old Phila. Pike, Gordonville, PA, Lanc. Co. 17529.

'73 Honda cycle $350, pony saddle $25; cleaned rye seed ready middle of July $4.50 bu. Lanc. Co. 717-687-6321.

Tobacco hoers 2 sets clamp on tool bar clean tobacco fast $65 each; NI 751 crimper, excellent condition. Lanc. Co. 717-464-3883.

One oak plank 11'x17"x2¼" seasoned two years, telephone pole 33', never used, two aluminum combination doors, six comb. windows to match. Montg. Co. 215-495-6662.

AKC cocker spaniel puppy, female 8 week old buff. Lanc. Co. 215-445-5265.

Two quarter horses, full brother and sister. Almost one and two years old. Tame. $450 for pair. 717-259-0551.

16' silo UL bargain, lawn and garden tractor 3500 W standby with quick attach, used barn cleaner w/corner and chain. Lanc. Co. 215-445-5309.

Hemlock fence boards, sawed locust posts, bale thrower, rocks, wagon gears. Lanc. Co. 717-442-8972.

Like new semi trash pump with hose accessories, 3.1HP Kawasaki engine, good for irrigating $240. Ervin Hoover, R1, Box 188, Denver, PA 17517.

Bruning barn paint $8.75; 16"x18" double strength glass 35 cents; I beam 6"x12", 20' long $65. Ephrata, PA. 215-445-6885.

Red holstein heifer milks; 3 holstein heifers 500 lb. One five yr. old pony. 717-354-5039.

Pexto power crimper and beader, circle shears, punches, bar folder and other sheet metal machines. York Co. 717-792-9282.

112 in. base cabinet w/sink; 152 in. base cabinet counter top overall; wall cabinets 66x35 in., 38x35 in., 23x35 in. Elam K., Beiler, RD6, Box 353, North Bansall School Road, Coatesville, PA 19320.

Dog or yard fence 6' gall about 70' length and 2 gates $65 Vega hatch back and radiator $25; dog box 717-225-5121

Riteway heaters wood or coal thermostat controlled; new harness made and repaired. Stoltzfus Harness Shop, RD4, Box 13, Honey Brook, PA 19344. First farm out of town.

Orange '76 MG midget, new inspection, has boot, tonneau $1500 OBO; porcelain sink, sink and shower fixtures $15. Lebanon Co. 717-838-2442.

NH 10T silage wagon has roof $675; NH 330 PTO manure spreader $595; Oliver 2B 12" trailer plow $275; NI 206 manure spreader $895. 717-354-0266.

Yearling registered polled hereford bull, good size, breeding and disposition. Priced to sell! Free pasture good fence, two streams. 717-866-4185.

10 ton of ear corn, $58.00 ton at farm. 717-626-4191

BOOKS make great Christmas Gifts. Huge collections available w/fine items under $20. Call Ron. York. 717-235-2134

Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench. 609-235-3810.

12 yr QH, Bay trail horse. 12 yr. ½ Arab, sharp, endurance, competitive trail horse. Have shots, new shoes 717-432-8282

MAILBOX MARKET WANTED

12' steel dump bed, complete assembly. Also, ROPS for 955 H. Perry Co., 717-582-4672.

2 long double action hydraulic cylinders for #504 NI loader. Mifflin Co., 717-899-6383.

Summer cabin in Lycoming Co. North of Waterville along creek or land only. 717-768-3554

Truck, ¾ ton 4WD w/no bed, 1975 & up, needing mechanical work. York Co. 717-993-3350 after 7 p.m.

7' 3 pt. sickle bar mower. Levi S. King, 562 Houtztown Rd., Myerstown, Pa. 17067.

Frosted drinking glasses w/gold leaves & trim, 2 doz. if price is right. 299N Locust St., Myerstown, Pa. 717-866-2702

3 h.p. Lehigh or Brunner belt driven compressors, in working order. Somerset Co. 814-267-4063

Grown male wolf hybrid, reasonably priced. Gettysburg. 717-334-9147 after 6 p.m.

Engine block for Oliver 80 tractor. Perry Co. 717-582-4177

8' pickup truck bed for 1976 Ford 250, little or no rust. Francis Segner, Birchrunville, Pa. 215-827-7509

Used harvester 2 row 30" Reasonable price. Berks Co. 215-683-7214

Lumber to build Pallets and Skids; Bulk Bins and Crates. 717-677-6166, Mt. Valley Farms and Lumber, Biglerville, PA.

Flat to rolling land w/water, Eastern PA or Southeast NY, 5 to 20 acres. Monmouth, NJ. 201-566-3457

White Peacocks, prefer chicks. Bucks-Montg. area. Also Barrhead geese. 215-257-7562

13x38 tractor tires, in good condition. W. Dey, RR2, Trenton, NJ. 08620. 609-259-2802

MF 65, 165, 175, gas, wide front, priced reasonable. Will consider others. 609-825-5051 call collect before 8 a.m., after 9 p.m.

A used hydraulic post hole driver, 2 weeks, 717-292-3053.

2 or 3 h.p. refrigeration unit. Lebanon Co. (No Sun. calls) 717-867-2243.

4 row corn head for Deere 6600 series combine. Berks Co. 215-944-9276

Case 450 diesel crawler loader. Berks. 215-944-8380

12Wx10H overhead door. Berks Co. 215-683-3009

Wood saw, either 3 pt. or free standing. Also, Ford pulley. York Co., 717-938-9580.

Working dog, especially trained for use w/sheep herding. North'd Co. 717-758-2555

Old mason jars, crocks, jugs, farm tools; ice house, firehouse, railroad items; kitchenwares, lanterns, etc. Henry Cross, Hwy 79, Morganville, NJ. 07751.

Barn door, 11'2"x7' & lightning rods service. 215-285-6313

30-40' portable grain auger, 6" dia. 201-543-4735

3 pt. hitch log splitter, 12'-15' grain auger, 3 pt. hitch post hole digger. Lancaster. 717-426-2296

Carriage horse, safe, sound, ready for women. Describe in first letter. Daniel Beiler, 78 S. Maple Ave., Leola, Pa. 17540.

2 row fast hitch cultivators, must be in good condition. Lycoming Co. 717-398-1459

Orchard 15-100A w/retail sales, 4-5 BR house, outbuildings, apple & pear Semi Dwarf. Send details: RR1, Box 109, Clintondale, NY. 12515.

11x26 tire & wheel for 1948 S-model Case. Will travel or will sell $450. runs great, new paint. 607-732-8467.

Used rubber tire loader & backhoe, good condition. Wayne Co. 717-253-3564 after 5 p.m.

SPECIAL USED EQUIPMENT

Wisconsin 4 cyl. Electric Start, 25 HP $895.00
Wisconsin 4 cyl. Electric Start, 22 HP $695.00
Kawasaki, Electric Start, 10 HP $299.00
Briggs Rope Start, 10 HP $220.00
Water Pump with Briggs 8 HP Electric Start $385.00
Briggs, 8 HP $125.00
Kohler 6 HP $99.00

NEW ENGINES

Honda, 10 HP $415.00
Honda 2-1 Reduction, 7 HP $250.00
Honda, 2 HP $205.00

NEW 30 BU. SILAGE CARTS
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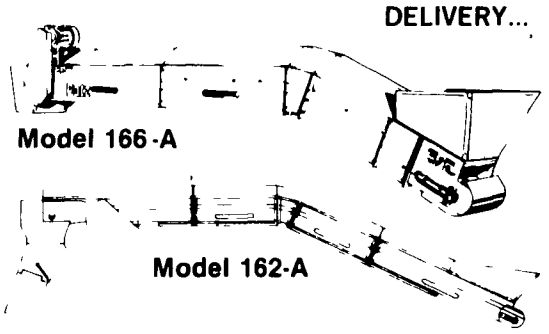

Built rugged for efficient, high volume feed handling. Economical chain and flite action moves feed smoothly without sifting or separating

New Low Cost Conveyor
- High capacity.
- Lengths: Up to 25 feet.
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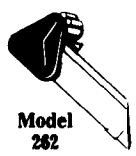
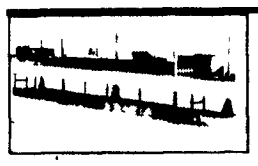
- Replaceable bolt-in conveyor pans.
- Options: hopper, spouts, diverter, support brackets


Model 262 Conveyor

Patz BELT FEEDER

For fast, reliable, feeding plus.. easy maintenance and low investment.
- High Volume
- Simplicity Plus
- Continuous-drive Plow
- Installs Quickly
- Mounts Left or Right Side, or Ceiling
- One Motor — No Reversing Switches



MODEL 2120 BELT FEEDER

Multi-lot feeding with easy maintenance and low investment
- Center mount, side mount, or ceiling mount for in-barn manger feeding
- Feed any lot from convenient control panel
- Installs Quickly
- High Volume
- Simplicity Plus

Patz What thousands of farmers know.

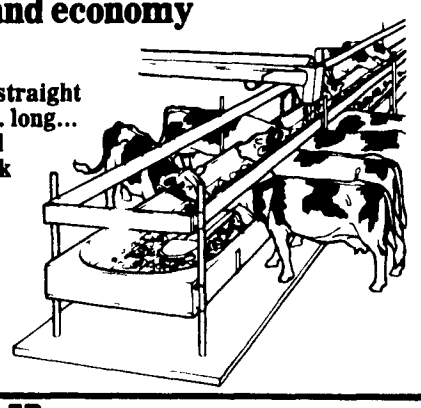
A quality gutter chain is your best buy. That's why the PATZ hook-and-eye chain has remained so popular for over 35 years.

The chain stays on the PATZ 4-tooth drive sprocket. Every link is inspected to meet high quality standards. Paint is baked on to retard corrosion, forged-steel links are heat treated for extra wear resistance, and there is extra thickness in the hook.

Patz CATTLE FEEDERS

Chain and flites for simplicity and economy

Model 400 feeder fits straight line bunks up to 200 ft. long... move all types of feed smoothly around bunk without shifting or separating



CONTACT YOUR NEAREST PATZ DEALER

ALEXANDRIA — MAX ISENBERG — 814-669-4027
BALLY — LONGACRE ELECTRIC — 215-845-2261
BELLEVILLE — MILLER-LAKE inc. — 717-935-2335
CAMP HILL — JOHN JONES — 717-737-5737
ELLIOTTSBURG — CARL R. BAER — 717-582-2648
HAMBURG — SHARTLESBURG FARM SERVICE — 215-488-1025
LEBANON — AUTOMATIC FARM SYSTEMS — 717-274-5333
McALLISTERVILLE — DIEM FARM SYSTEMS — 717-463-2606
PIPERSVILLE — MOYER FARM SERVICE — 215-766-8675
QUARRYVILLE — UNICORN FARM SERVICE — JAMES E. LANDIS — 717-786-4158
SHIPPENSBURG — CRIDER FARM SUPPLY — 717-532-2196
FOREST HILL, MD — LESTER EDWARDS — 301-838-5971 — 301-879-1930
HAGERSTOWN, MD — TRI-STATE FARM AUTOMATION — 301-790-3698
KENNEDYVILLE, MD — PINDER SERVICE CO. — 301-348-5263
POUND, WI — PATZ SALES, INC. — 414-897-2251

DISTRICT MANAGER
Dennis Skibo
717 664-2333

Patz

MAILBOX MARKET
WANTED

Grain header for JD45 round back combine. York Co., 717-993-2309.

Wanted-Used grain bin, 3000-5000 bu. Union Co., 717-523-3671.

Battery type brooder, 3 or 4 or 5 decks high. Schuylkill Co., ask for Mike, 717-544-4178 eves. only.

Spot cash paid for cherry walnut white oak logs or trees at least 22" in diameter. Chester Co., 215-431-3732.

Convey-O-Matic Helix auger wagon, Berks Co., After 5 p.m., 717-933-8518.

5/8 bu. baskets. Please no junk. Write to Samuel R. Stoltzfus, 324 Bartville Rd., Kirkwood, Pa. 17536, please state price.

Two axle utility trailer, gross weight under 3,000 lbs; 7' haybine, Cumberland Co., 717-697-9788.

Person with power steering unit for Farmall 340 tractor who would be willing to install please call Lancaster Co., 717-464-4114.

Young breeding age Angus Bull, RD1, Box 115, Jackson, NJ 08527. S.J. Butryn, 201-928-0819 after 6.

A buggy or carriage in useable condition. Lancaster Co., 717-665-6546 anytime but Sunday.

Ford 4 or 6 cyl. industrial engine, 413 Butler Ave., Chalfont, Pa. 18914, 215-822-2532, Bucks Co.

Tracks for AC HD20 or 21 or whole machine. Luzerne Co., 717-925-6737.

Old farm books, magazines, USDA and Extension publications, farm equip. & dairy publications, etc. Also advertising cards, pieces. Any items from early farm days dated before 1979. 717-394-4219 or write to: Farm Collection, 1753 Lincoln Highway East, Lancaster, PA 17602.

New or used storm front market wagon, and/or spring wagon, state price and condition. All replies answered. T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Swap Silkie & Guinea cocks adults & keets, good stock to prevent inbreeding. Lancaster Co., mornings, 6:30-8:00, 717-442-9239.

Cold flow chamber and meter for corn silage use, Lancaster Co., 717-548-2300.

Will buy old cars, Model A Ford or any cars in the 30s. Montg. Co. 215-933-2469.

Attic Flooring and Log Houses. 717-626-4520

Old Maryland milk bottles by serious collector. Cash paid or will trade. Call collect after 6 p.m. 301-721-0473. Crownsville, Maryland.

2 & 4 cyl. Wisconsins w/clutch. Also Maytag wringer washers, any condition, priced according. Samuel S. Stoltzfus, 2447 Stumptown Rd., Bird-In-Hand, Pa. 17505.

MAILBOX MARKET
NOTICE

Monster, a Targhee Ram. Would an owner, past or present please call us. 201-657-0565

MAILBOX MARKET
NOTICE

FREE adorable healthy kittens, litter box trained, tigers, tabbys, black & white. Carroll Co., MD. 301-239-8776

FOR RENT: 150-200 acres in high state of cultivation w/silos & feedlots. Available this fall. North of Lititz, Pa. 717-626-5555.

Give away free kittens, Lancaster Co., 717-656-9266.

Hand operated meat slicer, U.S. Slicing Machine Co., excell. cond., $275, platform scales, $75. Luzerne Co., 717-675-4374.

For Rent-10,000 bu. grain storage bins avail. immed. Northumberland Co., 717-286-0650 after 7:30 pm.

Will be getting a nice load of big fancy saddlebred horses. Saturday noon, July 11. Located along Meadville Rd., in Cambridge. 6273 Meadville Rd., Narvon, Pa.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

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For Sale _____ Notice _____ Wanted _____

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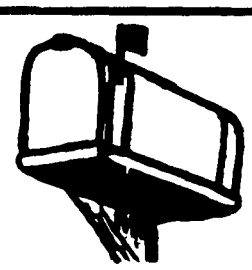

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Sale Reports

A Public Auction of fine antiques and furniture was held June 20 at Fortna's Auction Gallery, 18 E. Main St., Annville, Pa. These were from a large home in Palmyra, Pa. and a good sized crowd of bidders attended the sale.

Some prices included: Eagle quilt $2000, Gaudy Dutch bowls $775 each, 6 sterling spoons $235, Blue lustre bowl $190, 4 Bohemian goblets $200, Gaudy Welsh cup & saucer $160, silver on copper tea set $375, Van Briegel lamp $85, satin glass vase $110, minature satin glass lamp $170, quilt w/star $675, heart-shaped tin cheese mold $160, spongeware spitton $57, rye basket $80, oil lamp w/slag base $145, antique quilted pillow cases $180, white bed spread $50 and soft paste plate $75.

Fortna's Annville Auction Co. & Gallery conducted the sale.

XXX

A Public Auction of real estate was held June 27 for the estate of Donald A. Easterly, 6 miles east of Lehighton on Route 443 at Normal Square, north 2 miles, Mahoning Valley, Carbon Co., Pa.

The three tracts of land were sold as one and included a 1 story aluminum sided house, 2-car garage and other outbuildings; also a 68 acre farm with 26 acres wooded land; and a 7 acre tract of woodland with a stream. They were sold for $170,600.

The auctioneer was Robert A. Arner.

XXX

A Dairy Cattle Auction of registered Brown Swiss and 5 Holsteins was held June 25 by George L. Bassler, Rocky Ridge, Maryland of Sand Rock Farm.

The average of the 80 cows and heifers was $1145 with the top cow selling for $5100. The second high brought $2450 and the third high sold for $2400.

Modern Associates, Wayne E. Shiker, conducted the sale.

XXX

A Public Auction of a private collection of Indian artifacts was held June 27 at the Liberty Fire Hall, 339 E. Main St., New Holland, Lanc. Co., Pa. There were 325 registered bidders at the sale.

A collection of 351 Indian arrow points was sold for $1900 from the Arthur A. Futer Indian Museum.

Other things sold were: large Acoma pot $950, frame of 90 assorted arrowheads $280, plaque of 25 drills and arrowheads $175, plaque of 14 Archaic points $160, Lancaster County river pebble axe $115, 2 other Lanc. Co. axes $320 & $490, several spear thrower weights $310, case of beads $175, Seminole skirt $175, 2 pairs of beaded moccasins $190 & $250, 1 pr. beaded baby moccasins $155, Zia pot shaped like sacred water bird $430, 2 Sioux bear claw necklaces $150 & $180, Wappo bead decorated basket $330, Delaware Indian mask $330, condolence cane $220, 2 Seneca turtle shell rattles $175 & $180, Navajo eagle bone whistle $170, 3 Hopi Kachina dolls $155, $220 & $240, turkey feather war bonnet $150, 4 Navajo rugs $270, $290, $310 & $430, Inca water jug $245, painting of Sitting Bull $200, painting of Rain In The Face $200 and cornhusk doll $190.

Auctioneers were T. Glenn, Timothy G. and Thomas A. Horst.

XXX

A Public Sale of coins, household goods and antiques was held June 27 for Jo Ann Mastros in Mountville, Lanc. Co., Pa.

Some items sold were: German decorated box $340, candle sticks $130, glass salters $60, washer & dryer $200, kiln $150, table and chairs $300, hutch $120, small iron safe $160, lawnmower $55, vacuum cleaner $70, number of ceramic molds $1 to $5.25 each, vise $25, stuffed Santa $22, child's sewing machine $35, 2 books of Standing Liberty quarters $230 & $160, Franklin half set $110, barber halves $82.50, Washington quarters $95, 1807 half-cent piece $16, 1910 gold piece $185, 1881 gold piece $200, 42-over-41 mercury dime $140, shield nickel $13, 1923 large bill $16, Mexican coin $18 and Tahiti dollar bill $22.

Auctioneers were Gordon Ressler, Sam B. Stoltzfus and Ron Funk.

XXX

A Public Sale of real estate and personal property was held June 27 for the estate of Hazel B. Grossnickle, 12774 Buchanan Trail West, Mercersburg, Pa.

The 224 acre farm with an historic stone house, barns and sheds was sold for $578,000. A tract of 49.5 acres of mountain land with mature timber on Mountain Rd. north of Cove Gap was sold for $101,000. Two other tracts of sawed off timber land containing 52 acres were sold for $40,000.

Other prices were: walnut Dutch cupboard $3000, oak blanket chest $350, wooden dinette set w/4 chairs $200, cottage dresser & washstand $480, Grandfathers clock $1500, 2 maple twin beds $520, 10 pc. mahogany diningroom suite $1375, Ogee mirror $180, brass fireplace set $600, 12 Flo-blue plates $372, 1978 Buick 4-door car $3800 and J.D. riding mower $2200.

J. Robert Meyers was the auctioneer.

XXX

A Large Public Auction was held June 19 and June 20 at the Springette Fire Hall. The auction was conducted for Mr. John Lewis and others. A large crowd was in attendance for the event.

Some highlights were as follows: gold ring $925, 14K diamond ring $320, Hummels from $40 to $160 each, hanging lamp with prisms $230, small wooden box $255, blanket chest $310, sink bench $1000, 6 Windsor chairs $2700, scroll top deacons bench $600, punch tin pie cupboard $260, drop leaf tables $200 to $450 each, highchair $100, miniature chest $360, corner cupboard $1800, drop leaf table $650, washstand $180, umbrella rack $80, dated 1850 barometer $380, Eli Terry Jr. clock $800, pewter plate $245, pewter coffee pot $425, 5 Dioone quin-tuplets $850; Madam Alexander doll $430, banks $45 to $95, miniature chest of drawers $130, coverlet $150, small round top trunk $110 and small footed wooden box $300.

Gilbert & Gilbert were the auctioneers.

XXX

A Public Auction of farm equipment and household goods was held June 27 by Dorothy R. Kirk, 4200 Pine Street Rd., Oxford, Pa. There were about 400 people attending the sale.

Some prices included: Ford 4500 tractor & loader $6100, Chev. diesel dump truck $3900, G.M.C. dump truck $2300, dirt elevator $750, old Farmall tractor $725, cut glass pitcher $100, 4 glasses $55, Flo-blue pitcher $160, Flo-blue creamer $120, Flo-blue- 6 plates $190, 6 sets Flo-blue cup & saucer $280, doll $55 and curio cabinet $140.

Whiteside Auction Service conducted the sale.

XXX

A Public Sale of gasoline engines was held June 27 by Mrs. Lillie Nafe, R.D. 1, Glen Rock, Pa. in York County. There were 300 bidders registered at the sale.

Some prices received were: 2 h.p. New Holland engine $1550, McDerry engine $775, Cross King engine $700, Empire engine $550, 2 h.p. Fairbank engine $550, 2 Hercules engines $525 & $475, J.D. engine $500, Int. engine $300, 2 Maytag engines $52.50 & $100, miniature fodder shredder $525, 1975 Int. ½ ton pickup truck $1025, steam whistles $27.50 & $230, 3 small steam whistles $130 and waterfall bedroom suite $300.

Charles L. Wehrly and Son were the auctioneers.

PRIMITIVE TOOLS & COLLECTABLES

AUCTION

DUTCH VILLAGE AUCTION
on Hummelstown-Middletown Road
Hummelstown, Pa. 17036

SATURDAY, JULY 18, 1987
AT 10:00 A.M.

Boring Machine Carpenter Nut Auger, Forstner Bits Bung Borer Hollow Auger Center Bit Goosewing Axe Broad Axe Other Axes Bark Spuds, Traveler Shovel Clinch Tongs Blacksmith Tongs Pinchers, Steel Square Book, Inside Out side Calipers Spoke Shavers Sheffield Brace Other Braces Carving Chisels And Other Chisels (Butt Corner Millwright, Socket) Heavy Duty Slicks Dividers Carriage Makers Clamp Flagging Iron In Shaves, Coopers Tools Coopers Dowel Machine Drawing Knives Breast Drills Hand Drills, Wheel Wright Reamers Froes Pattern Gauges Leather Cutting Gauges Several Kinds Of Hammers Hatchets Pocketknives Levels But terise And Farriers Tools Routers Upholsters Pliers, Flatnose Pliers Other Pliers Several Types Of Wooden Rules Hack Saws Diston Saws And Saw Sets, Vices Screwdrivers Sharpening Stones Wooden And Steel Squares, Timber Calipers Trammel Points Wrenches Wagon Wrench, Stone Hammer Window Blind Cutter, Dingle Stock Silage Cutter, Blacksmith Vice Double Hay Hook Wagon Jack Auger Hole Axe Wooden Clamps Tap And Die Set Advertising Pieces Railroad Lights Junior Wagon Light Rug Stretcher Yarn Winder Kerosene Jar Buggy Steps Old Set Of Hand Cuffs Watch Maker Set, Mallets Miners Lights Shoemaker Tools Fish Scale Platform Scale Towentrout Wall Type Coffee Grinder Trading Axe, Ice Hatchet Post Hole Axe Piano Tuning Tools Brass Air Pump Pa Railroad Hammer Bits Cutting Mauls Framing Saw Sausage Stuffer Blue Rock Thrower Lead Dipper Rim Spreader Anvil Soldering Irons Ford Wrenches Slaters Hammer Ball Mold, Mandrills, Hay Knives Grinder Hooks Lug Wrench Old Type Auger Crystal Radio Hog Scraper Corn Huskers Jointer Extra Blades For Planes Tool Box Drafting Tools Bolt Cutter Weather Vane Kentucky Plus More Items

Stanley Planes 27 35 78 75 82 98 71¹ 140 171 113 283 100 604 378
Stanley Scraper

Sargent Planes 29 708
Hercules Plane 130 One Plow Plane
Block Planes
Winchester Pictures Flashlight Clock Bullet Molds Braces Hatchet Shooting Glasses Roller Skates Food Chopper
Keen Cutter Axes Food Chopper Brace Scout Hatchet Hoe Bit Chisel Claw Hammer Sickle Saw Set
Miller Falls Breast Drill Brace Plane Hammer Hack Saw Plumb Bob Cutter

NOTE Items are from an estate in Uniontown Pa and are in excellent condition

Take Vine Street exit off Route 283 -- Follow signs for Hummelstown -- Auction is on the right.

Rain Or Shine, Auction Is In Building

Gary Fasnacht, Auctioneer AU-000268-L
Phone (717) 838-4869 anytime or 566-8721 (3-6)

Food Available
Approved Checks Only
Not Responsible For Accidents

PUBLIC SALE
FRIDAY, JULY 10, 1987
At 4:00 P.M.

Located south of Red Lion, PA, on Route 74 to Godfrey's Ice Cream Bar, turn east on Burkholder Rd., go approx. 2 mi., then turn on Elfner's Rd., 1mi. to sale site. Watch for sale signs. Items of the late Charles Emenheiser, and his wife Mary who is moving to a new mobile home. Selling the following:

Farm Machinery

VAC Case tractor w/pony wheels - eagle hitch & good tires, Case 3 P.H. 2 base plow, Case 3 P.H. 7' sickle bar mower, Woods R.M. - 306 rotary 3 P.H. mower, 2 section tractor spring harrow, small IHC tractor 2 wheel manure spreader, 2 row corn planter w/tractor hitch, antique thrashing machine w/straw drag, 2 horse wagon w/iron wheels, wooden wheel wagon w/corn box, 2 horse riding cultivator, 3 - 1 horse cultivators, 9 hoe Superior grain drill, horse drawn mower, 2 iron beam walking plows, shovel plow, 2 large 2 prong hay forks, hay ladders, Block & Falls, single & double trees, feed chest, 2 hole corn sheller, platform scales, 2 sets harness & others, cast iron hog troughs, grain cradle, grain fan, chop mill, wheel barrow, bag truck, #73 Cub Cadet tractor w/42" cut mower, Reo elec. reel mower, cattle racks for 7' step side pick-up, 32' wood ext. ladder, cross cut saw, corn choppers, chicken coops, cigar cases, tobacco lathe, wooden buckets, 2 iron butcher kettles, #22 meat grinder, 1 gal. sausage stuffer, butcher knives, grinding stone, wood tub, garden & hand tools, clover seed sower, 2½ ton floor jack, pile of oak boards.

Household Goods & Antiques

G.E. 30" self cleaning elec. stove 2 yrs. old, G.E. double door refrigerator 3 yrs.old, Philco refrigerator, Westinghouse 12 cu. ft. chest freezer, Maytag wringer washer, double rinse tubs, Porcelain cook stove, parlor wood or coal stove, barrel stove, 5 leg oak square table w/boards & 6 chairs, oak high back bed - large chest of drawers w/mirror & dresser, oak cane bottom rocker & 2 chairs, chrome table w/4 chairs, love seat, recliner, 2 platform rockers, Hollywood bedframe, chest of drawers w/mirror, wall mirrors, table lights, utility cabinet w/glass doors, small wood utility cabinet, large base cabinet, odd tables & chairs, gal. elec. ice cream freezer, 9'x18' rug & others, bed linens, curtains, pots & pans, silverware, lots of glassware. Lots of misc. items. Refreshments served. Not responsible for accidents.

Terms cash or approved check.

Auct. Note: Wagon items, farm machinery and household goods. For information call Earl J. Elfner Building Supply Ph. 717-244-2795

MRS. CHARLES EMENHEISER
R.D. #1
Red Lion, PA 17356
Reynold L. Burke, Auct.
Lic. #117-L
Ph. 717-244-8702

FARMERSVILLE AUCTION
NO SALE-TUES., JULY 7
NEXT SALE-TUES., JULY 14
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Commission Rates
Any item over $100 - 10%
Any item under $100 - 15%
No Buyers Premium
Pay Out Night of Sale

Auctioneer: Larry Rutt
AU-2455-L

TWI-LITE AUCTION

FOR:
EST. OF JOSEPH CENTURIONE, Dec'd and LINDA CENTURIONE
Kings Highway & Baus Road
Geryville, PA (Milford Twp.)
TUESDAY EVE., JULY 7, 1987
5:00 P.M.
Auction will begin w/Tools & Equipment Jeep to be offered at 6:30 P.M.

TRUCK - 1986 Jeep J10 Pick up 6 cylinder engine factory air tinted glass 4 wheel drive w/hyd lift 28 500 miles one owner Cap for another pick up also Line a bed body liner 2 snowblades **2 TRAILERS** - One 25 metal bed w/metal loading gate & tandem wheels 1 10 metal bed w/pull out loading ramps

ROW BOAT - Fibre glass frame utility shed w/att shop

EQUIPMENT & TOOLS - Sears SS12 Lawn Tractor 2 Snowblowers 1 Craftsman 5 h p 3 spd 22 and one 6 h p Ariens Kubota 60' Snowblower fron tend mount w/p t o G S sickle bar Hanson sprayer fiberglass tank w/booms both w/3 pt hitch p t o Sears shredder bagger Brinly compactor rake log splitter transport w/h p engine 6 rotary mowers 3 gas powered weed trimmers Roper T6/30' rear tire rototiller transmission lift

FURNISHINGS & APPLIANCES - 3 Piece Pine Bedroom Suite w/king size mirrored water bed having 2 lighted curio cabinet headboard dbl dresser w/curio cabinet and gentlemen's dresser (like new in excellent condition), 3 pcs bedroom suite incl triple dresser chest on chest nightstand and headboard for dbl bed lacquered chest of drawers lamp table bureaus floor lamp 2 G E air conditioners apt size refrigerator Gilbert and Ingraham antique mantel clocks plus hand tools and misc household items not mentioned

ANTIQUES - Ser for 6 Green Dep Glass luncheon set ind salts misc china pcs paper dolls dated 1884 picture & frames **COINS** incl Kennedy halves also paper money

TERMS - CASH LUNCH

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
Box 1, Harleysville, PA 215-723-1171
PA No. AU-001117-L

Sale Reports

A Public Auction for the Lititz Area Mennonite School, 10th Annual Benefit, was held June 27 north of Lititz on Newport Road, Warwick Twp., Lanc. Co., Pa.

One outstanding item was the 20''x36'' dimensional handcrafted painting by Aaron Zook "Corn Husking Scene" which was sold for $4000.

The average of the 30 quilts sold was $400 with prices ranging from $175 to $825.

Other prices were: painted milk can $120, Winross trucks- White Oak Mill truck $105, & Myers Metered Gas truck $570, Bolens self-prop. lawnmower $410, microwave oven $285, J.D. pedal tractor $140, wooden tractor trailer by Sam Martin $350 and 19 cu. ft. chest type freezer $415.

Auctioneers were: J. Stauffer, P. Martin, R. Murry, A. Martin & E. Siegrist.

XXX

A Public Sale of personal property was held June 24 by Alvin and Sue Witter, at the Lemasters Community Center, Lemasters, Franklin Co., Pa.

Some prices received were: Snapper 11 h.p. riding lawnmower $1000, 7 piece Oriental berry set $90, Gaudy Welsh pitcher $130, 2 quilts $315 & $350, minature wooden carved hoses $100, flint glass candlestick $110, washbowl & pitcher $175, 1968 Buick Electra, 4-door car $290, walnut jelly cupboard $1000, modern inlaid Grandfather clock $900, set of 3 chairs $310, walnut Victorian chair $240 and mahogany secretary desk $445.

J. Robert Meyers was the auctioneer.

XXX

A Public Auction of antiques was held June 27 by Violette Shope, 2 blocks east of Linglestown Square on Route 39. There were 177 registered bidders at the sale.

Some prices included: Dutch cupboard $1850, Simon & Halbig doll $310, old teddy bear $205, Quezal bowl $270, highchair $200, chandelier type coal lamp $225, pitcher & bowl set $225, 6 oak highback chairs $125 each, Carnival bowl $75, old tin candle holder $50, student reading lamp $140, animal cookie cutters $19 each, oak dresser & washstand $550, secretary desk $260, childs rocker $150, candle mold $45, rope bed $180 and spool chest $140.

Richard and Rick McNeal were the auctioneers.

XXX

A Public Auction of farm machinery was held June 27 by Lewis and Maxine Kerstetter, 6½ miles northeast of Pleasant Gap, Pa. before a large crowd.

Some items sold were: Farmall H tractor $625, Farmall BN tractor $460, motorcycle w/side car (1968 Harley Davidson) $4200, unloader wagons $300 & $360, Snowmobile $160, 3 wheel ATC vehicle $1450, potato digger $75, potato planter $50, Kleen Kut electric meat saw $450 and butter churn $35.

Mark Glick was the auctioneer.

XXX

A Public Sale of registered and grade Holsteins was held June 26 by Robert N. and Diane R. Bechtel on the former Ronald West Farm, 6 miles from Mansfield, Pa. It was a good cow sale.

The average of the 37 mature cows sold was $950. The top cow sold for $1550, the second high was $1475 and the third high brought $1325.

Gordon Wood was the sale manager.

XXX

A Public Auction of antiques was held June 24 by Ralph G. Worst at 2870 Lincoln Highway East, along Rt. 30, Lancaster, Pa.

Some prices included: Frew sleigh $750, Conestoga wagon $925, market wagon $325, weather vane w/small horse $200, wheelbarrow load of walnut wood $200, bench $75, straw cutter $60, candy case $140, swedge $110, wooden measure $22.50, desk top $38, crock container $300, small wooden box w/advertising $15, 4 gal. crock $25 and barn to be removed $300.

The auctioneers were Gordon Ressler, Sam B. Stoltzfus and Ron Funk.

PUBLIC SALE

OF

A.C. 21 & A.C. 76 Front End Loaders
1973 I.H. Transtar Truck
1965 I.H. Dump Truck
1963 Ford Tractor
1950 Mack Truck
Flat Bed & Storage Trailers
Lots of Truck Parts, Tools & Accessories
Truck Tires & Rims
RR Equipment & Tools
Scrap Iron

THUR., JULY 16, 1987
AT 10:00 A.M.

Loc. 1123 Eshelman Mill Road, West Lampeter Twp., Lancaster Co., PA (Dir.: Take Rt. 222 about 1 block south of Willow Street Diner. Turn left onto Eshelman Mill Rd. & go about 1 mi. to sale.)

Sale by
MR. & MRS. S.H. GRIMM
(Grimm's Garage)
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

CATALOGUED 6-DAY UNRESERVED PUBLIC AUCTION

OF THE STOCK, LIBRARY AND COLLECTIONS OF THE LATE ROBERT N. GODSHALL, NOTED PENNSYLVANIA BOOK AND EPHEMERA DEALER, OF FAIRVIEW VILLAGE, MONTGOMERY COUNTY, PENNA.
to be held
JULY 20TH, 21ST, 22ND, 23RD, 24TH & 25TH, 1987
at 8:30 A.M. (Each Day)

At the Akron Fire Hall, 1229 Main Street, Akron, Lancaster County, Penna. MAIL BIDS ACCEPTED. DETAILED CATALOGUES AVAILABLE By Mailing the Appropriate amount to C.E. Spohn, c/o Godshall Auction, 837-B W. Main St., Ephrata, Pa. 17522. Catalogues as Follows: Sessions I & II - $7.00; Sessions III & IV - $7.00; Sessions V & VI - $7.00; or Complete Set of 3 Catalogues - $20.00.

SESSIONS AS FOLLOWS:

SESSION I - JULY 20th, 1987, 8:30 A.M., consisting of 389 Lots of 53,000 Post Cards; 150 Lots of Exposition/World's Fair Souvenirs & Ephemera, 125 Lots of Postage Stamps and 73 Lots of Misc Ephemera

SESSION II - JULY 21st, 1987, 8:30 A.M., consisting of 761 Lots of Topical Ephemera (including some books)

SESSION III - JULY 22nd, 1987, 8:30 A.M., consisting of 788 Lots of Misc Topical Books Arranged by Subject

SESSION IV - JULY 23rd, 1987, 8:30 A.M., consisting of 35 Lots of Misc Books on Travel/Adventure and Misc. Uncatagorized, 652 Lots of Misc Americana Arranged by Region and State (except for Penna.); 50 Lots of Manuscript Material, 37 Lots of Early Imprints (American & European)

SESSION V - JULY 24th, 1987, 8:30 A.M., consisting of 698 Lots of Pennsylvaniana (including Books, Booklets, Documents, Ephemera, Vintage Photographs, etc), Arranged by County

SESSION VI - JULY 25th, 1987, 8:30 A.M., consisting of 175 Lots of Philadelphia History, etc , 100 Lots of Penna County & State Atlases, Atlas Fragments, Atlas Plates and Misc Maps (many Railroad), 12 Lots of Penna Indians, 60 Lots of Pa , etc Genealogy, 80 Lots of Penna German History & Literature, 48 Lots of Penna Literature, 215 Lots of General Penna History (including Books, Booklets, Ephemera, etc

No out-of-state checks unless letter of credit from bank.

Terms By:
ROBERT N. GODSHALL ESTATE
George D. Parrish, Executor
Auctioneers:
T. Glenn Horst
717-859-1331 — AU000438-L
Timothy G. Horst
717-738-1245 — AU001767-L
Catalogue by:
Clarence E. Spohn
(717) 733-6276

AUCTION

J.D. TRACK LOADER, SHOP EQUIPMENT & TOOLS
SATURDAY, JULY 11, 1987
At 9:30 A.M.

LOCATION: Located in Carroll County along Hemlock Lane, just off the north side of Rt. 140, outside of Westminster, MD, to the rear of the 3M Building. Follow sale signs!

EQUIPMENT & TRUCKS

J.D. 350 Crawler Loader w/GP bucket, rebuilt trans. & steering clutch, undercarriage vg, overall cond. good; IHC 2404 Tractor w/front blade, hyd. angle & tilt, gas eng.; 1969 IHC cab & chassis w/V8 gas eng. for parts; 1964 IHC 1800 w/2000 gal. fuel tank, 5 spd. trans; 1966 GINDY 42' t/a storage trailer; homemade tri-axle trailer without deck; cab for Ford backhoe; SULLAIR 125 portable compressor w/gas eng., needs work.

SHOP EQUIPMENT, PARTS & TOOLS

DEWALT Mdl. 536 radial arm saw w/2 hp motor; elec. 5 hp table saw; RUSCH SHB250 industrial-type metal cutting band saw; ATLAS elec. hack saw; (2) elec. metal cutting saws; ROGERS hyd. power unit, Mdl. 40 w/15 hp elec. motor; HAMMOND large industrial-type grinder; (3) other small grinders; RUGER 4000 lb. hyd. eng. lift; also smaller hyd. eng. lift; 1 ton air-powered hoist; UNITED Mdl. 663 2 hp shop compressor; LINCOLN 150 dome-type elec. welder; WESTINGHOUSE Mig welder; elec. drill press; ALEMITE overhead 4 reel, air-powered grease system; 4 elec. gas pumps; BISHMAN auto. tire changer; SUN SDT distributor tester; SUN Mdl. 250 tune-up tester; LEMPCO Mdl. 530 brake drum lathe; NATIONAL brake shoe rivet machine; AMERICAN MONARCH battery tester; MARQUETTE 6-12 volt charger & tester; WEDCO propane steam cleaner; (3) fuel-oil operated overhead shop heaters ranging from 94 - 184 BTUs; (2) ONAN Mdl. 10-HC 10,000 kw generators; HOWE platform scale; (3) trans. jacks; BLACK HAWK 1000 lb. eng. stand; RA parts washer; paint drying light assembly; (2) DAYTON 3.4 amp. industrial floor fans; other exhaust fans; MC CULLOCH' mini-mac chain saw; KEMP MASTER GARDNER K-6 shredder/chipper w/5 hp gas eng.: SNARK moped, vg cond.; (8) railroad carts; (7) IHC 304 V8 gas engs. — all were taken out in running cond., also sev. IHC parts such as fenders, hoods, doors, trans., front & rears, several 10:00x20 & 8.25x20 mounted truck tires; (11) drafting tables; (6) metal desks; (17) 4 shelf 4x2 6' tall metal racks on wheels; several welding & shop tables; elec. motors; 4" gate valves; various types of elec. & air 'tools — to include impact wrenches, drills, sanders, grinders, lots of sockets, wrenches & other mechanic's tools too numerous to mention; roll-away tool box; also selling WARDS household trash compactor; & NORELCO 6100 microwave oven.

NOTE: SOME OF THE EQUIP. IS 3 PHASE!

TERMS: CASH/GOOD CHECK on day of sale. Nothing removed until settled for. Not responsible for accidents.

For More Information & Details Call: Randy Ruby

LEWIS D. HOOD, JR., OWNER
1029 Hemlock Lane
Westminster, MD 21157

Wolfe
301/663-8644
Industrial Auctions, Inc.
15 North Court Street Frederick Maryland 21701

THANK YOU FOR ATTENDING THIS AUCTION
LUNCH AVAILABLE

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

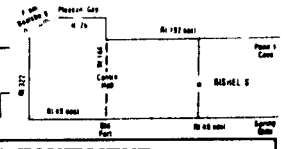
JULY

FRI. & SAT. JULY 3 & 4 - Mid Atlantic Classic Show & Sale, Hampshires & Dorsets. Located Manheim Fairgrounds, Manheim, PA. Sponsored by The Pennsylvania Hampshire Sheep Association. Sheep Breeder Sale Management Service.

SAT. JULY 4 - 9AM Consignment Sale of Tractors & Equipment From I-81 S. of Martinsburg, WV, take Exit #5 (Inwood), WV, Rt. 51 E. approx. 3½ mis. to Shutts Cash Grocery (Formerly Haines') turn right, .2 of mi. to sale. Edgar A. Bohrer, Sale Mgr.

SAT. JULY 4 - 9:30AM Antiques, China, Crystal, Glass, Collectibles, Jewelry, Collectibles. Mrs. Eugenia (Jean) Spangler, 731 Sherwood Drive, removed to 44 N. Bedford St., Carlisle, PA. Directly behind the old jail. Charles Spahr, Auct.

RISHEL SALES & SERVICE BANKRUPTCY AUCTION



JULY 10 & 11, 1987 9:30 A.M.
R.D. 2, SPRING MILLS, PA
(CENTRE CO.)

JULY 10 - INVENTORY AND USED EQUIPMENT
JULY 11 - REAL ESTATE, VEHICLES, AND ALL REMAINING ITEMS

REAL ESTATE 12 O CLOCK NOON JULY 11

Large 4 bedroom house, 2 story 2 baths modern kitchen, full basement elec heat & wood burner w/connecting office Also on property is a steel trust rafter 30 x 68 building which is well insulated It has 4 large overhead doors, oil hot air heat w/flu for wood burner, concrete floor House & building situated on approx 1 acre, 76 perches

Located next door 2 story frame house (used as a rental) 3 bedroom 1½ bath, w/oil hot air heat Barn also on property Situated on approx 1 acre 14 perches

For appointment to see Call 814 237 0189
TERMS OF REAL ESTATE 10% down and balance in cash within 30 days upon delivery of deed No reserve

10 Winegard Satellite System (less than 2 yrs old)
antique candy case

OFFICE EQUIPMENT

Literature racks lots of steel racks adding machine Public address system (almost new) Adler electric Typewriter Phone answering machine Sanyo Beta VCR (almost new) Paymaster check writer 5 4 drawer steel filing cabinets Savin copier good cond Sentry safe Cole office desk Statesman metal office desk 5 office chairs large metal Mail Pouch thermometer Amgard System (Burglar & Fire alarm system very good) NCR elec cash register Lathem time clock small filing boxes & sm misc items

4 AIR CONDITIONERS

Very good condition (5 6 8 & 20 000 BTU s) misc new hats key chains new motor oil snowmobile helmets

PARTS

NEW Hydraulic hose & fittings Techumseh parts Briggs & Stratton parts Kohler pts Ariens pts Satoh pts large assortment of new V belts snowmobile belts lawn mower blades misc spark plugs garage pts nuts & bolts & other pts too numerous to mention Numerous parts & service manuals Used Echo chain saws chain saw rack Kubota clock & picture & etc

GARDEN EQUIPMENT

New Am Pro 5 horse power tiller new Brinly pull type Aireator new Brinly pull type DD1000 Disc 3 pt hitch 6 used walk behind mowers 3 self propelled 27 various Lawn & Garden Tractors (used) Such as Cub Cadet Wheel Horse Massey Ferguson New Holland Ariens John Deere Bolens Snapper (Some in good running condition Others need some work) Also numerous riding mower tires blades & parts Also attachments for lawn tractors Sears snow blower 3 Kubota or Wheel Horse mower decks Leon pallet fork Wheel Horse tractor cab & misc

HEAVY DUTY TRUCK PARTS truck tarps headache rack for truck tractors

VEHICLES 12 30 O CLOCK JULY 11

1981 Cutlas Supreme 2 dr hardtop Automobile (diesel) Brougham
1978 Ford LM 9000 Diesel Tractor 671N Detroit Engine 10 speed Roadranger transmission single axle 242 651 miles (Good Condition)
1980 Chevy Van 20 Series V 8 Automatic power steering power brakes (Good Condition)
1981 Hillsboro Tri Axle Low Boy Trailer 20 100 GVW wth fold down ramps (Good Condition)
1977 Trailmobile 40 flat trailer w sliding rear wheels
1982 Chevrolet Custom Deluxe 30 Series Truck w/15 aluminum Jerr Dan Roll back bed V 8 engine 350 4 speed trans power steering
Ferguson 20 Tractor 4 cyl engine wide front 3 pt hitch
16 Aluminum storage van body w/roll up door

SNOWMOBILES

250 el tigre Artic Cat 340 el tigre Artic Cat 4000 trail cat Artic Cat JaG 3000 Artic Cat TXL 340 Polaris 244 Star Polaris Nitro 400 Rupp Artic Kat Freighter sled (2 Polaris snowmobiles for parts)

SHOP

G E Stereo system w/speakers (Like New) Kubota 450 Generator Kubota clutch tool kit Solar 400 battery charger 300 amp Silver Beauty battey charger Red Arrow hyd Press Hyd hose tool (for use on any Press) 2 Waterloo stack Tool Chests Napa stack Tool Chest 2 Red Arrow portable hoists several large steel vises parts washer Duracraft floor Drill Press Powr Kraft 225 amp Welder lrg welding table Sears horse power Grinder Oxygen Acetylene torch outfit portable air tank Duracraft Heavy Duty Band Saw Dayton Shop Vacuum ARO 5 gal air operated Grease Gun Automan 5 horse power 230 V 2 cyl Air Compressor (like new) Easy Sand Blaster Electro Magic 1000 2 hot water Pressure Washer 1000 Handy Pressure Washer 2 metal wall cabinets 3 steel work benches 3 wooden work benches various load binders & log chains tool box many good misc hand tools several floor jacks 20T jack several sets & socket sets Snap On torque wrench lots of & drive air operated Tools Craftsman box end & open end wrenches Blue Point 1 drive air operated Wrench Devilbiss air paint Gun Fire extinguishers tarp starps fluorescent fixtures Graham Lee coil condenser Testor Tap & Die sets Blade Monitor Timing lites & gauges SWR meter plus other misc

(All Tools and Vehicles Very Good Condition)

Food Available

TERMS OF SALE Cash or Check Day of Sale

SALE BY: BENJAMIN NOVAK, TRUSTEE
Attorney: Kathy M. McCarty
RONALD J GILLIGAN, Auctioneer, Pa License and Bonding No AU339-L

OWNER AND AUCTIONEER NOT RESPONSIBLE FOR ACCIDENTS

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JULY 4 - 9AM Saw Mills, Tractors, Eq. & Tools Estate of Arthur O Stone, 16701 Norwood Rd., Sandy Springs, MD Blaine N. Rentzel, Auct.

SAT. JULY 4 - 9AM Real Estate, Antiques, Furniture, HH, Tools, Coins. 1916 Drexel Ave., E. Lampeter Twp., Lanc. Co., PA. Rt. 340 E. of Lanc. to light at High Steel, turn right on Greenfield Rd., 1st street left, 2nd house on right. Lloyd & Kathryn Aston, Sellers. Elvin Siegrist & Alvin Miller, Aucts

SAT. JULY 4 - 9:30AM Antiques, Firearms, Furnishings. Southern Manheim Twp. Fire Hall along Fruitville Pike, Lanc., PA. E.M. Murry Associates.

SAT. JULY 4 - 12:30PM Cumberland Valley Jersey Breeders Fourth of July Sale, Shippensburg Fairground, Shippensburg, PA. 3 mis. from I-81 on S. Fayette Street.

MON. JULY 6 - 5:30PM Special Equipment Auction. Teitsworth Sale Lot, Groveland, N.Y. Roy Teitsworth, Sale Mgr. & Auctioneer, Geneseo, N.Y.

TUES. JULY 7 - 4:30PM Tractor, Truck, Farm Mach., Some HH For: Howard Rice, along Deep Run Rd., 2 mis S of Bedminster, PA, Bucks Co., PA. Near Deep Run Mennonite Church. Henry K Freed & Sons, Aucts.

TUES. JULY 7 - 5PM Truck, Row Boat, Equip & Tools, Furnishings & Appliances, Antiques Est of Joseph Centurione, Dec'd. and Linda Centurione, Kings Hwy. & Baus Rd., Geryville, PA, Milford Twp. Sanford A Alderfer, Inc., Auct

WED. JULY 8 - 1:30PM Belleville Livestock Market Herd Dispersal 23 Head Holsteins. 717-935-2146

WED. JULY 8 - 3PM Personal Property, Gasolene Engines, Antique Auto Parts, Buggies, Furniture, Misc. at the Lemaster Community Center, Lemaster, Franklin Co., PA 13 mi. southwest of Chambersburg, PA. For J Robert Meyers, Auctioneer.

THURS. JULY 9 - 10AM Vanderveer and Coleman Inc., Bean and Grain Eq 36 Elmer St. in village of Lyons, NY. Harris Wilcox, Inc., Aucts.

THURS. JULY 9 - 12 Noon 24x24 Metal Feed Manufacturing Facility on 3 824 A land zoned general industrial. Mullinix Agro Industrial Park, just SW of Frederick City along Ballenger Creek Rd, just off Rt 15 via Mountville Rd., Frederick Co., MD. By: Three F. Inc. Trout Aucts, Inc.

THURS. JULY 9 - 7PM Good Frame Buildings to be removed Located along Rte. 419 or Schaeffer Rd., next to Keller Bros. Ford of Buffalo Springs, PA Auction for Keller Bros., J Omar Landis Auction Service.

THURS. JULY 9 - 7PM Long-Ray Farms Bred Heifer Sale of 48 Head Holstein Heifers 7 mis. S of Port Royal on Mountain Rd. Sale along Rt. 75, 6 mis. S. of Port Royal Raymond T & Gladys I. Long, Owners. Ray Long, Auct.

FRI. JULY 10 - 1.30PM State Graded Feeder Pig Sale. Grading 7:30 until 11 30AM. Carlisle Livestock Market, Inc, Exit 12 off I-81. 717-249-4511

FRI JULY 10 - 4PM Farm Machinery, HH Goods, Antiques South of Red Lion, PA On Rt. 74 to Godfrey's Ice Cream Bar, turn east on Burkholder Rd., go approx. 2 mi. then turn on Elfner's Rd., 1 mi. to sale site Watch for signs. Owner, Mrs Charles Emenheiser Reynold L Burke, Auct.

FRI JULY 10 - 6:30PM Preview 4PM Fine Unreserved Estates Auction. Furniture, Jewelry, Silver, Guns, Stamps, Art Work, Time Pieces, Accessories. To be held in the Ballroom of "LaMasquerade" Restaurant, Rt. 17M between Chester and Goshen, NY Auctioneers Jim Sturr, Sr William Jenack

FRI. JULY 10 - 7PM Horse Sale at New Holland Sales Stables, Inc, New Holland, PA.

FRI JULY 10 - 7PM Juniata Co Complete Reg Holstein Milking Herd Dispersal Located in Mifflin Co. at Kish Valley Dairy Sales, corner of S. Walnut St. & Front Mountain Rd., Belleville, PA. Ronald L & Beatrice V. Hoffman. Bryan D Imes, Auct.

FRI. & SAT JULY 10 & 11 - 6PM & 9AM Respectively. Real Estate, Personal Property. Rt. 241 in Village of Lawn, S. Londonderry Twp., Lebanon Co., between Elizabethtown & Colebrook Terms by. G G. Brubaker, Owner Ralph B Heisey, Auct.

FRI. & SAT JULY 10 & 11, 9:30AM - Inventory & Used Eq., Real Estate, Vehicles, Misc Rishel Sales & Service Bankrupcy Auction. RD 2, Spring Mills, Centre Co., PA. Auctioneer, Ronald J. Gilligan.

SAT. JULY 11 - Vermont Sheep Sale at Addison Co. Fairgrounds, New Haven, VT. Michael P Claudon, Sale Mgr

SAT JULY 11 - Quilt & Consignment Sale 1 mi S of Centre, 3 mis. W of Loysville off Rt. 274 Perry Co To Benefit Amish Parochial School Art Kling, Auct.

PUBLIC AUCTION

SATURDAY, JULY 18, 1987

at 9:30 a.m.

Located in Millersville. Turn off of West Charlotte Street at 446 Hostetter Drive.

ELECTRICAL SUPPLIES–OVER 50 YEARS ACCUMULATION; brass hanging and wall lights; old shades; electrical fixtures; 150 AMP boxes; electrical boxes, wiring; tools; ½ drill; 4 H.P. Moto mower snow blower; Scotts seeder; screw jack; 20 ft. extension ladder; and many other articles too numerous to mention.

Terms by:

C.B. HARNISH
MARGARET SHEAFFER, P.O.A.

AUCTIONEERS:
Robert E. and Jeffrey R. Martin
656-7770
AU-000580-L
Frank L. Steller

PUBLIC SALE

OF

Lots Of New & Rebuilt Ford Parts

(1940's, 50's & 60's)
1978 Le Car 2 Dr Sedan
2 Honda Recreationa' Vehicles
2 Arctic Cat Snowmobiles
Early Wooden Delivery Sleigh
Cash Registers
Electric Motors
Miscellaneous Hand Tools
Hardware
Lumber

WED., JULY 15, 1987

AT 10:00 A.M.

Loc. 1123 Eshelman Mill Road, West Lampeter Twp., Lancaster Co., PA (Dir.: Take Rt. 222 about 1 block south of Willow Street Diner. Turn left onto Eshelman Mill Rd. & go about 1 mi. to sale.)

Sale by

MR. & MRS. S.H. GRIMM

(Grimm's Garage)
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

AT RUDNICK'S SALES,
ROUTE 213, GALENA, MD.
(About 16 Mi. N.W. Of Chestertown, Md; 12 Mi. S.W. Of Middletown, Delaware And 70 Mi. E Of Baltimore, Md.)

SATURDAY, JULY 11, 1987

AT 10:00 A.M.

FURNITURE AND ANTIQUES FROM LOCAL ESTATES

From The Estate Of Ethel Bennett Of Wilmington, Del....Lincoln Rocker, Leather Top Coffee Table With Glass Slide, Double Drop Leaf Table, G W T W Style Lamp, Tea Table, Large Breakfront, Mahogany Nite Table, 4 Poster Bed, Block Front Dresser, Highboy With Open Arch Top, Mirror, 2 Victorian Style Side Chairs, Rush Seat Chair, Duncan Phyfe Sofa, Oval Marble Top Table, English Willow Dishes...Estate Jewelry, A Selection Of Oriental Rugs To Include Throws, Runners, Room Size, Very Fine Quality Hand Made Rugs, Lot Of Glass China And Silver...

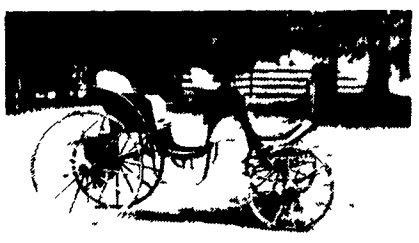
Sales Held Twice Monthly, The Second And Fourth Saturday Of Each Month... Our Next Sale Will Be Sat. July 25, 1987.

Reasonable Trucking, Free Storage And Advertising At All Times. We Will Come To Your Place Without Cost Or Obligation...

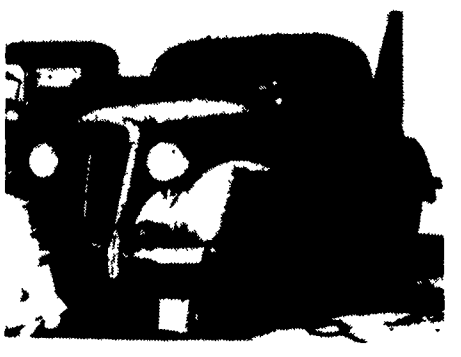
Consignments Accepted Daily

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, Md. 21635 Phone: 301-648-5601

PUBLIC AUCTION SALE
Saturday, July 11, 1987, 10:00 A.M.

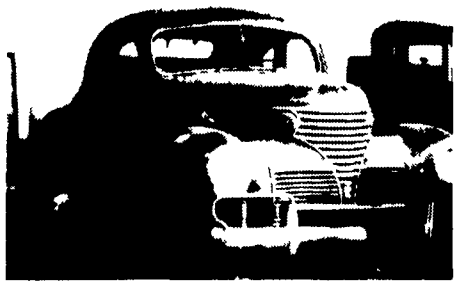


AT FRELINGHUSEN ARBORETUM
53 East Hanover Ave. Morris Twp. New Jersey



Sale is of surplus property for the Morris County Park Commission and includes:

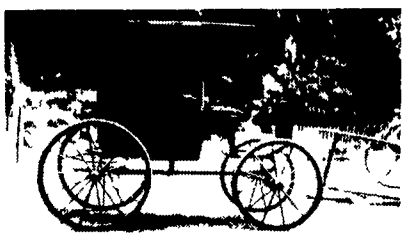
CARRIAGES AND SLEIGHS: Studebaker Rockaway carriage; Three seat sleigh; Donkey cart, Slat sided phaeton carriage; Curtained Rockaway carriage; Two market wagons; Pony size sleigh; Three runabouts; Folding top phaeton carriage; Portland cutter sleighs both single and two seaters; Park phaeton carriage; Sulky; Several single seat sleighs, Shafts and poles, etc.



ANTIQUE AND SPECIAL INTEREST CARS: 1935 DeSoto coupe with rumble seat; 1939 DeSoto coupe; 1955 DeSoto sedan; 1931 Model A Ford two door sedan; 1935 Chevrolet fire truck; 1965 Pontiac 4 door sedan, etc

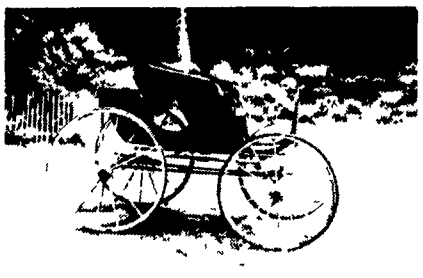
FARM AND MAINTENANCE ITEMS: Cast iron cauldrons and founts, stanchions, Grinding stones and wheels, Cast iron street lamps, Pumps, Saws, Snowblowers, Shop equipment, etc

FURNITURE: Maple rope bed, Victorian chairs, Bird cages, Marble sink, Boston rocker, Victorian sofas; Wicker chairs; Porch rockers; Shipbuilders hull model, Hand painted screens, Old lamps, china, Brass bed; Oil paintings, watercolors, Chinese silk painting, etchings, some are signed, Toy carousel horse, Chest of drawers, oak, Spindleback chairs; Coach trunk, Tack trunks, Steamer chest and trunks, Wood boxes, etc

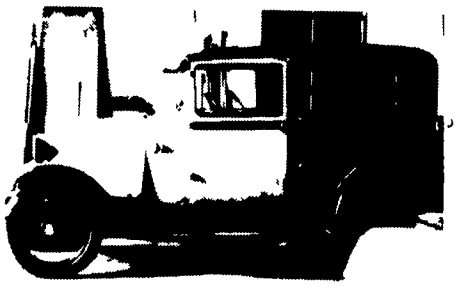


OFFICE EQUIPMENT: Adding machines, calculators, Typewriters, File cabinets Electric collator and shelves, Slide projector, Minuteman ID system, NCR bookkeeping machine; Office furniture, etc

MISCELLANEOUS: Four pontton paddle boats, Cameras, Watches and jewelry, Model house facade, Display paraphanalia, Bicycles, Composting toilet, Golf clubs and bags, Baseball gloves, etc



TERMS OF SALE: CASH, TRAVELERS CHECKS, OR CHECK WITH PROPER ID and bank letter of credit addressed to the Morris County Park Commission. All purchases paid for day of sale, removal within 24 hours;
AUCTION PREVIEW: 8:00 A.M. Day of Sale



OLD FEED MILL AUCTIONS

JACK WOOTTON, Auctioneer

Mailing Address:		Gallery at:
318 WASHINGTON STREET	(201) 334-0001	487 DIVISION STREET
BOONTON, N.J. 07005	(201) 892-1792	BOONTON, N.J. 07005

Public Auction Register

ABSOLUTE PUBLIC AUCTION

Of Good Frame Buildings
To Be Sold To The Highest Bidder
AND TO BE REMOVED FROM IT'S PRESENT SITE BY
(November 1, 1987)

THURSDAY EVE., JULY 9, 1987
Starting at 7:00 P.M.

Located along Route 419 or Schaeffer Road NEXT TO KELLER BROS. FORD OF BUFFALO SPRINGS, PA.

(1). Approx. 70 Year's Old; 2½ Story Frame House with siding; 3 Bedrooms, 1½ Baths; Cherry Kountry Craft Kitchen with built in Corner Cupboard; Living, Dining, Den, and other rooms; Enclosed Rear Porch; Oil Hot Water Furnace; Den Area 11'x17'; 2 Additions 9'x26'.
(2). Complete Big Dutchman Stair Step Cage System with Hart Cups 20,000 Bird Capacity.
(3). 2 Story Frame Barn, Meas. 40'x47'.
(4). 2 Story Frame Barn, Meas. 40'x25'.

TO PRE INSPECT CALL (717) 949-6501
Terms: Cash or Approved Check.

Auction For
KELLER BROS. FORD
Thom Keller
(717) 949-6501

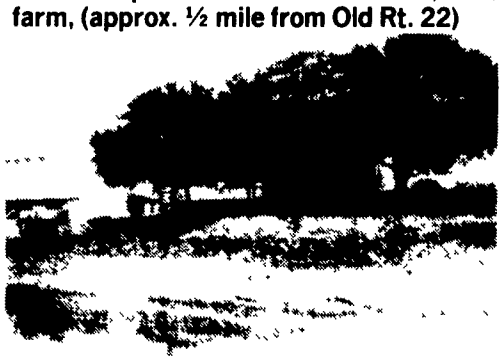
Auction Conducted By The:
J. Omar Landis Auction Service
Jay M. Witman AU001127-L
Box 501, Apple and Robert Streets
Ephrata, Pa. 17522
(717) 627-0789 or (717) 665-5735

PUBLIC AUCTION

VERNA A. STUMP ESTATE
37 ACRE FARMETTE + 20 ACRES OF OPEN LAND
ANTIQUES, HOUSEHOLD GOODS

FRIDAY, JULY 31, 1987
At 5:00 P.M.

Located between Lenhartsville and Krumsville, Greenwich Twp., Berks Co., Pa. Traveling on Old Rt. 22 to the village of Klinesville turn onto Donat Rd. to Lititz Round Top Rd. to Stone Hille Rd., first farm, (approx. ½ mile from Old Rt. 22)



Tract 1 - consists of a 37 acre farmette, more or less, with approx. 30 acres of tillable and approx. ½ mile of blacktop road frontage, whereon is erected a 2 story brick home with 3 rooms and bath on the first floor, 6 rooms on the second floor, heated by an oil hot water baseboard heating system, a detached 1½ story brick 2-car garage w/attached wash house, banked barn, other outbuildings, small pond and spring house. Property is in very good condition, nice setting, must be seen to appreciate.

Tract 2- consists of 20 acres of open land, more or less, adjoining Tract 1 with approx. ¼ mile of blacktop road frontage.

Real Estate will be offered in 2 tracts and as an entirety at 7:00 P.M.

Terms are 10% down payment the day of auction, balance on or before 60 days. Inspection by appointment, call (215) 562-8619, (215) 562-8017, (215) 756-6428 or (215) 683-7796.

Sale Ordered By Executors:
RUSSELL G. STUMP
STEWARD F. STUMP
STERLING E. STUMP
WAYNE W. STUMP
Bear, Antanavage & Moyer, Attys.

Auctioneer:
Dennis F. Wagner
AU-001427-L Phone: (215) 562-7445

SAT. JULY 11 - 8:30AM Public Sale The widow of Clyde Fry, Draco Development Corp. From Susquehanna river north Harrisburg, take Rte. 443 on Fishing Creek Valley Rd Go 8 mi At Ritzie Village, turn north on Mountain Rd Go to 6944 Birchwood Rd Auctioneers: Col L.M F Hocker, Don C Harnsberger

PUBLIC SALE

VALUABLE REAL ESTATE & PERSONAL PROPERTY

FRIDAY EVENING, JULY 10
At 6 P.M.
and
SATURDAY, JULY 11
At 9 A.M.

Route 241 in the village of Lawn, S. Londonderry township, Lebanon Co. between Elizabethtown & Colebrook.

Lawn Garage & adjacent 11 room Frame Dwelling - Shop area has 45'x55' floor space - showroom and office 22'x27' and restrooms. Steam heat - coal fired stoker, 8 years old. Cement block building, standing tin roof in excellent repair, this establishment has had a new and used Car Dealership for many years.

House has 5 rooms and ½ bath on first floor, 6 rooms and full bath on second floor. Asphalt shingle roof, private well and water system, sewage hooked to public system, full cement basement, coal-fired stoker hot water furnace, standing radiators.

These properties situated on a corner lot approx. 160'x240' - 50 year old business selling from wall to wall. Reason for selling - owner retiring.

Order of sale - Household and office equipment July 10, 6:00 P.M. Shop Equipment, Sat., July 11, at 9 A.M. Real estate will be offered for sale at 12:00 noon.

Complete listing at a later date.

For inspection of property call 717-964-3131.

Owner willing to leave certain amount of money in property.

Terms and conditions by
G.G. BRUBAKER, Owner
Gerald Brinser, Atty
838-6348

Ralph B. Heisey, Auctioneer
AU000400-L

Auctioneer Note - If you are looking for a place to go in business, look at this property.

PUBLIC SALE

The widow of CLYDE FRY
Draco Development Corp.

SATURDAY, JULY 11, 1987
8:30 A.M.

From Susquehanna River north Harrisburg, take Route 443 on Fishing Creek Valley Road. Go 8 miles. At Ritzie Village turn north on Mountain Road. Go to 6944 Birchwood Road. Sale signs posted.

* * * * * * * * * * *

2 Honda bikes (one good); flat boat; brass railing from Senate building in Harrisburg; large pool table; antique Coca-Cola machine; Whirlpool refrigerator (both good); Microwave (good); small desk; bolt cutters; 110 & 220 gas generators; Bosch electric chipping hammers (work); lot of white marble pieces; assortment of jack hammer bits; 3 Zeiss levels and tripods (all work); air drill and bits (good); 3 gasoline power water pumps; lot of skill saws; electric drills; hammer drills; router jigs; electric grinders; sanders; 3 heavy come alongs; electric planer; miter box saws; a lot of C clamps; A clamps; blue print rack; 10" table saw on metal stand; electric miter saw; shop vacs; bull floats and extensions; 5 metal wheelbarrows; concrete brick block; 100's of screw jacks; 3 torch welding outfits; gas powered welding electric starter; doors; 3 large kerosene heaters; wooden extension ladders; 10 good wooden step ladders; sump pump; 10 concrete vibrators; 20 salamanders; wire mesh; snow fence; lot of glass pieces; J&C channel steel beams; chain link fence and posts; bolt cutters; electric heaters; electric cords; digging irons; rakes used for concrete, new air hose; picks; shovels; air stapler and staples; 115 volt water pump; 100's of lbs odd size nails; push line painter, 3 air nailers, oil drums and pumps, DIFFERENT SIZE AUTOMOBILE tires (some new); other unmentionables etc. Can be seen sale day only

Cash or travelers checks only.
No out of state checks.
Picture on ID card.
Food Stand.

AUCTIONEERS:
Col. L.M.F. HOCKER, AU-416-L
Don C. Harnsberger, AU-387-L
Complete sale service, 564-0510

SAT. JULY 11 - 9AM Surplus Items for Quaker Maid Kitchens, IBM Computer, Complete Kitchens, Cabinets, Shop Eq., Misc Located 1 mi South of Leesport along Rt 61, Berks Co., PA. For Quaker Maid Kitchens Dennis F Wagner, Auctioneer

SAT JULY 11 - 9AM Complete Farm Dispersal, 48 Cows, Machinery & Equipment. 2 mi. from Nelson, PA off Rte 49 on Bottom Hill Rd, 5 mi west of Lawrenceville, 5 mi. east of Elkland, PA. Tioga Co. Owner, Delos (Bud) Boom. Sale by Beards

SAT. JULY 11 - 9AM Estate of Harold Bogart, Antiques, Quilts, Misc. Antiques located at RD 1, Orangeville, PA on Rt 254 (Millville-Rohrsburg Rd.) ½ mi from Rohrsburg. Seller Martha L Starr. Olen R. Knecht, Auctioneer.

SAT JULY 11 - 9AM School Benefit Quilt and Consignment Sale. At Sherman View School, Perry Co., PA located 3 mi. West of Loysville, 1 mi south of Centre off Rt 274, 35 mi. NW of Harrisburg, PA Sale by Perry Co Amish Parachiol Schools

PUBLIC SALE

Of Building Material, Doors, Windows, Plywood, Shingles, Lumber, Nails

ON WED., JULY 15 AT 9 A.M.

At Goods Auction
111 North Maple Ave., Leola, Pa.

Apr. 600 doors, byfolds, steeldoors, birchdoors, solid & hollow core prehung, birch & steel doors, double doors, doors with side lites, patio doors, 25 wood stair steps, 600 P paneling.

75 windows, casement, bowwindows, show window. 600 Bundles roof shingles, 1000 pcs. plywood 1/8" to ¾", asponite, ½-1" insulation. 6 tractor trailer loads lumber 2-4, 2/6, 2/8, 2/10, Yellow pine, stair treads, Cedar siding, vinyl siding, in gray, red, green. Ornamental glass, wood porch posts, all types roof trusses, white pine boards 1/6, 1/8, 1/10, 1/12, tong & groove barn siding, fence rail posts. 5 ton nails, common nails, galvanized, roofing nails 1/12/16 masonite siding, ungeline roofing. Door latches, hinges, metal bridging, caulking.

Goods Auction
111 North Maple Ave.
Leola, Pa.

A.H. 000014-L

Terms: Cash
No out of state checks
NO CONSIGNMENT

SAT. JULY 11 - 9:30AM JD Track Loader, Shop Equipment & Tools Located in Carroll Co along Hemlock Lane, just off the north side of Rt. 140, outside of Westminster, MD to the rear of the 3M Building. Follow signs. Owner Lewis D Hood, Jr Wolfe Industrial Auctions, Inc.

SAT JULY 11 - 10AM Real Estate, Farm Machinery, HH, Gun, Musical Instruments, etc Approx 12 Imls. E of Halifax, or 1½ mls. E. of Carsonville, along the State Road to Lykens, Jefferson Twp., Dauphin Co Turn E at Upper Dauphin Bank along Rt 147, proceed to Carsonville, turn N at hotel, proceed to sale Vesta N. Kessler, Owner Ed Shoop & Dave Deibler, Aucts.

SAT JULY 11 - 10AM Frelinghusen Arboretum, 53 East Hanover Ave, Morris Twp, NJ. Surplus property for Morris Co Park Commission Jack Wooton, Auct, Old Feed Mill Auctions.

SAT JULY 11 - 10AM Farm Eq., Feeder Cattle From Red Lion Square take Rt. 74 S. approx. 1½ mi. T/L on Burkholder Rd at Macks Ice Cream. Take Burkholder Rd approx 5 mls T/L on Richmnd Rd. go approx 1 mi. property on left. Chanceford Twp., York Co., PA. Mr. & Mrs Donald E Boyd Sr Bradley K. & Carl H Smith, Aucts

SAT JULY 11 - 10AM Furniture & Antiques from local estates At Rudnick's Sales, Rt 213, Galena, MD About 16 mi NW of Chestertown, MD, 12 mls SW of Middletown, DE, and 70 mi E. of Baltimore, MD. Harry Rudnick & Sons, Inc, Aucts

MON JULY 13 - 1PM International Jersey Extravaganza at Heron Run Farm, Washington, NJ Take Rt 31 N of Clinton approx 9 mls Turn right on Anderson Rd Farm on right Selling 65 Registered Jerseys. Max Spann, Host Jersey Marketing Service

3 DAY'S PUBLIC SALE

Farm Machinery, Tools, Gasoline Engines, Real Estate, Household Goods, of Theodore (Pete) Werner

Located along Lombard Rd. Just off of Rt. 24 at the traffic light between Red Lion and Longstown, York Co., Pa. at the Cape Horn Tack Shop

SATURDAY, JULY 11 at 9:00 A.M.

1975 Oldsmobile Cutlass Car, 1964 Ford ½ Ton Pickup Truck, J.D. 1020 Tractor 3 pt. wide front, like new with only 371 hrs, J.D. cultivator, J.D. 2 bottom 3 pt. plow like new, Ford 5 ft. rotary mower, 3 pt., P.T.O. 3 pt. fertilizer spreader like new, J.D. 2 row corn planter, J.D. 2 bottom pull type plow, small orchard sprayer, 20 disc harrow, 1 row potato planter, potato plow, Brillion cultipacker, 1 tooth sub soiler, 3 pt. weed sprayer, 3 pt. lift pole, Ariens 5 hp snow blower, house platform scales, Poulan chain saw, Poulan weed eater and lots of tools.

SATURDAY, JULY 18 at 9:00 A.M.

Old J.D Model B tractor, 3 hp associated engine on truck, 1¾ hp associated engine on truck, 1½ hp Fairbank Morse engine on truck, 1¼ hp J.D. engine on truck, 2-1½ hp engines on trucks, 6 Maytag kick start engines, New Bridgewood 6" jointer, new 6" belt and drum sander, Rockwell 14' band saw, 4" belt sander, 2 blacksmith forges, anvil, vise, one horse manure hook, miniature gasoline engine made by Elmer Schaefer, 3 prong wooden fork, 2 J.D. peddle tractor, Boring machine, one tooth hay fork, farm toys, butcher tools and lots of antique tools.

SAT., JULY 25 at 9:00 A.M.

Beautiful 2 bedroom brick home with one car brick garage and several other out buildings, real estate to be offered for sale at 1:30 P.M., refrigerator, chest type freezer, Maytag automatic washer and elec. dryer, Zenith color TV set, bedroom suite, cedar blanket chest, picnic table, gas grill, Schnitzel bench, 2 piece living room suite, rocker reclining chair, Victor Victrola, 2 William Faust jugs, butter churn, small store platform scales with scoop, lots of cast iron items, lanterns, shaft bells, crocks, jugs, brass dog nut cracker, and lots of household and antique items.

Refreshment rights reserved
Not responsible for accidents
TERMS: Cash or approved check.

THEODORE (PETE) WERNER
Owner
Wanda Kahler P.O.A.
Joyce Lewis
244-6246 or 244-7471

Charles L. Ulehaly and Son Auct.
Tel. 235-4146 Lic. #AU985L
Wehrly's Clerks,

Clip and Save This Ad

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

MON. JULY 13 - 4PM Antique Tools, Guns. Southern Manheim Twp. Fire Hall, 1509 Cresent Ave., Lancaster, PA, Fruitville Pike. Terms by: Helen M. Griesemer. T. Glenn & Timothy G. Horst, Aucts.

WED. JULY 15 - 8:30AM Murdock Enterprises, Inc., Somerset, PA. Cat, Terex, IHC, Fiat Allis, & many other construction equipment parts. Vilsmeier Auction Co., Inc.

WED. JULY 15 - 9AM Building Material, Doors, Windows, Plywood, Shingles, Lumber, Nails. At Goods Auction, 111 North Maple Ave., Leola, PA.

WED. JULY 15 - 10AM New & Rebuilt Ford Parts, Vehicles, Snowmobiles, Sleigh, Electric Motors, Hand Tools, etc. 1123 Eshelman Mill Rd., West Lampeter Twp., Lanc. Co., PA. Sale by: Mr. & Mrs. S. H. Grimm. Howard Shaub, Auct.

THURS. JULY 16 - 8:30AM Antiques, Household Goods, Cars, Camper & Tools. Held in the Winterstown Fire Hall, along Rt. 24 between Red Lion & Stewartstown, PA. For Mrs. Rebecca S. Norris and from homes in Red Lion & Stewartstown, PA. Bob & Tom Sechrist, auctioneers.

THURS. JULY 16 - 10AM STC Trucking Co., Inc. Complete liquidation. Hyndman, PA (Just North of Cumberland, MD) TRI/A & T/A dump trucks, truck tractors, dump trailers, tools & parts. Vilsmeier Auction Co., Inc.

THURS. JULY 16 - 10AM Farm Eq., Trucks, Equipment & Tools. 1123 Eshelman Mill Rd., West Lampeter Twp., Lanc. Co., PA. Take Rt. 222 about 1 block S. of Willow Street Diner. Turn left onto Eshelman Mill Rd. & go about 1 mi. to sale. Sale by: Mr. & Mrs. S.H. Grimm. Howard Shaub, Auct.

FRI. JULY 17 - 9AM Inventory, etc. Mill Road Upholster Shop, 2 mis. W. of Morgantown, PA. Aaron & Martha Martin, HH, Antiques sold same day same place. Steve Petersheim & Steve Jr., Aucts.

FRI. JULY 17 - Consignment Sale of Feeder Pigs & Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. JULY 18 - 9AM By: Kathryn Krafft (Luther Krafft's Tool Collection) Sale to be held at Brickerville Fire Hall, just off Rt. 322, approx. 8 mis. W. of Ephrata, Lanc. Co., PA. T. Glenn Horst & Sons, Aucts.

SAT. JULY 18 - 9:30AM HH, Mostly all Antiques & Collectibles. Village of Kinzers, Lanc. Co., PA. For: Maggie Hershey. Steve Petersheim & Steve Jr., Aucts.

SAT. JULY 18 - 9:30AM Ninepoints Farm Store Going Out Of Business. From Rt. 30 to Rt. 896. 10 mis. S. of Strasburg along Rt. 896 to village of Ninepoints. First lane on left. By: Menno S. Beiler. Kreider & Kline Auct Serv.

GOOD'S AUCTION

111 North Maple Ave., Leola, PA 17540
HAY, STRAW, GRAIN SALES
Every Wed. at 12:00 Noon
FARM MACHINERY SALES
First Wednesday of the Month Only
TOOLS & HARDWARE at 9:00 A.M.
LAWN & GARDEN at 12:00 Noon.
LUMBER & BUILDING MATERIAL at 11:00.
NO OUT OF STATE CHECKS.
NO HOUSEHOLD ITEMS.
NO JUNK.
CLOSED SATURDAYS

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA
Ph. 717-656-9558

A.H.000014-L

PUBLIC SALE

VALUABLE REAL ESTATE AND PERSONAL PROPERTY, LAWN GARAGE
Friday Evening, July 10 at 6 P.M. and Saturday, July 11 at 9 A.M.
Route 241 in the Village of Lawn, S. Londonderry Township, Lebanon Co. between Elizabethtown and Colebrook.

Garage and adjacent 11 room frame dwelling — Shop area has 45'x55' floor space-show room and office 22'x27' and rest rooms. Steam heat — coal fired stoker — 8 years old. Cement block building, standing tin roof in excellent repair. This establishment has had a new and used car dealership for many years.

House has 5 rooms and ½ bath on first floor, 6 rooms and full bath on second floor. Asphalt shingle roof, private well and water system, both properties connected to public sewerage system, full cement basement, coal-fired stoker hot water furnace, standing radiators.

These properties situated on a corner lot approx. 160'x240'. 50-year-old, business selling from wall to wall. Reason for selling — owner retiring.

HOUSEHOLD: Oak furniture — 3 pressed back chairs, dresser w/mirror, 3 rockers, 2 stands, small book shelf, small tables — Old wooden highchair w/tray, steamer trunk, Singer treadle sewing machine, large gold leaf mirror, small mirror, metal bed w/spring & mattress, small child's Singer sewing machine, child's tea set, old sheet music, tin coffee pot, sad irons, tin cookie cutters & pie pans, crocks, porch rockers & table, Westinghouse elec. range, utility cabinet, G.E. Washer, Whirlpool dryer, 2 old refrig., B&W Emerson portable TV, 2 bent wood chairs, lamps, 1973 Lawn Fire Co. plates, Christmas deco. picture post cards, camping lantern, deep sea rod, throw rugs, wooden 4-door file cab., standard billing machine, Simplex time clock, 2 National Cash Registers, 2½'x3½' office safe — approx. weight 1500 lbs., 3-drawer kneehole office desk w/chair, 6-drawer kneehole desk w/chair, 3 glass display cases, 1500 BTU's Westinghouse air conditioner.

SHOP EQUIPMENT: 2 HP Ingersole-Rand 2-stage air compressor w/tank, 1961 Dodge power wagon — 4 wheel drive with Holmes wrecker boom power winch in excellent condition. Certain amount of used cars. 1975 ¾-ton Dodge pickup truck, 1977 ¾-ton Dodge panel truck, 1975 Prowler travel trailer — 24-ft. long with awning. CHILTON AUTO MANUALS from 1940 to date, jack stands, bumper jack, 4 Walker floor jacks, bottle jack, Souix valve grinding machine, armature tester, Hunter wheel balancer, hand-operated fire changer, acetylene burning & welding outfit with gauges, Smith 350 AMP AC welder, mechanical, gear press, level light amers & tester, acilloscope spark plug tester, large assortment of auto transmission tools and equip., 3 bench vises, drill press w/elec. drill brake riveting machine, air operated high pressure grease gun, Allen motor tester, Allen battery charger, Marquett slow charger, fan belts, oil filters, radiator hoses, 3 oil drums with pumps, large cab with shelves and drawers, 2 brass honk horns, 22-inch rotary mower, lawn roller. New and used tires, new tire chains, many old used parts for Plymouth and Chrysler cars.

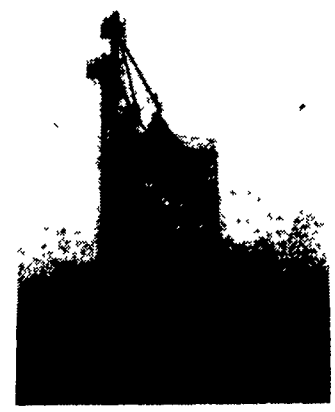
ORDER OF SALE: Household and office equip., July 10 at 6 P.M. — Shop equip., Sat., July 11 at 9 a.m. Real estate will be offered for sale at 12 noon.
For inspection of property call 717-964-3131.
Owner willing to leave certain amount of money in property.
Many, many items not mentioned.

Terms and Conditions by
G.G. BRUBAKER, Owner, 964-3131
Gerald Brinser, Attorney, 838-6348

Ralph B. Heisey, Auctioneer
AU-000400-L
No out of state checks
Not responsible for accidents
TERMS OF SALE: 10% down day of sale, remainder in 30 days.
AUCTIONEER NOTE: If you are looking for a place to go in business, look at this property.
Food by Lawn Fire Co. Auxiliary

PUBLIC AUCTION

VALUABLE MODERN 24'x24' METAL FEED MANUFACTURING FACILITY LOCATED ON 3.824 A.± LAND ZONED GENERAL INDUSTRIAL
THURS., JULY 9, 1987
AT 12:00 NOON
LOCATION: On the premises at Mullinix Agro Industrial Park, just SW of Frederick City along Ballenger Creek Rd., just off Rt. 15 via Mountville Rd., Frederick County, MD.



MILL DESCRIPTION: Of modular construction 6 tiers high with 12,096 cu. ft. capacity. Complete with receiving conveyor; 105' SWEET galvanized 3000 BPH elevator leg w/15 HP 3 phase motor and 10 way 8" rotary valve distributor; 2 ton Surge hopper air operated scales; Davis S-40 horizontal 150 cu. ft. paddle mixer w/20 HP motor; SWEET 80' Appollo III 3750 CFH galv. elevator mixer leg w/15 HP motor; Scott Model 1660 molasses blender w/30 HP motor, Model 8 5 HP molasses pump; Scott 200 gal. molasses conditioning tank heater; 2 stage commercial air compressor & 5 HP motor; 18' Multi-flow Paddle Flight load-out conveyor; Roscamp ear corn crusher w/50 HP motor; Roscamp 9"x30" Giant double duty roller mill w/30 HP 3 phase motor; SWEET 75' Appollo I roller mill leg w/5 HP motor; 20'x24'x20' lean-to structure over receiving pit; 16'x24'x20' lean-to structure over load out area; mill floor of 14 gauge tread plate steel floor plate 12'x24' over basement mill area; steel joist and beam support structure.
LAND DESCRIPTION: Known as Lot 1-B containing 3.824 Acres, more or less, in a planned Industrial Park near Eastalco's plant, all located in Frederick County, MD.
ORDER OF SALE: 1ST OFFERING- 3.824 acres with Mill;
2ND OFFERING- Mill only, to be removed;
3RD OFFERING- 3.824 Acres, more or less, without Mill;
Sale will be made in the manner which produces the most monies for the Owner at the discretion of the Auctioneer.
TERMS OF SALE: $30,000.00 deposit for Land and Mill or $20,000.00 deposit for Land only in the form of a Cashier's or Certified Check made payable to Trout Auctioneers, Inc. Balance due in 30 days. Should the mill sell as having to be moved, then the full purchase price will be due on the Day of Auction in the form of Cash, or Check acceptable to the Seller and Auctioneer. Any additional terms & conditions will be announced at Sale.
FOR FULL DETAILS AND INSPECTION, CONTACT JIM TROUT, AGENT FOR OWNERS

Office- 301-663-1555
Home- 301-898-9391
BY ORDER OF:
THREE F. INC., OWNERS
5399 Argo Drive
Frederick, MD 21701

SINCE 1920
Trout Auctioneers, Inc.

15 North Court Street/Frederick, Maryland
301/663-1555
"Experience Doesn't Cost—It Pays"

SANFORD G. LEAMAN, REALTOR

AUCTIONEER'S LICENSE # AU 000532 L
(717) 569-4264

PUBLIC AUCTION

92 ACRES M/L DAIRY FARM
SATURDAY, AUGUST 1, 1987
AT 2:00 P.M.
LOCATION: MIFFLINTOWN, WALKER TWP.,
JUNIATA CO., PA.
DIRECTIONS: Route 322 and Route 35. Go north of exit ramp to first road. Right to next road. Right to first farm after going under Route 322 bridge. Less than 1 mile from Stop 35. Watch for auction signs.
FARM CONSISTS OF: 92 acres m/l with a stanchion-loose housing arrangement for 60-75 cows or would be an excellent beef set-up. 16x65 cement stave silo with bunk feeder, 500 gallon milk tank. Frame 2½ story vinyl sided home featuring four bedrooms, 2½ baths, large rooms and closets. This farm has building-subdivision potential and will be offered as two parcels or as a total farm. Owner is selling for health reasons.
FOR APPOINTMENT TO SEE CALL AUCTIONEER.

SALE BY:
RAYMOND C. & CAROL A. HOFFMAN
SANFORD G. LEAMAN,
CAI AUCTIONEER
Lic. #AU-532-L
Phone # (717) 569-4264
or
Richard Crawford (717) 734-3673
TERMS: $20,000 down day of sale. Balance on or before November 1, 1987.

SCHOOL BENEFIT QUILT AND CONSIGNMENT SALE

SATURDAY, JULY 11, 1987
9:00 A.M.
At Sherman View School, Perry Co., Pa., located 3 miles West of Loysville, 1 mile south of Centre off Rt. 274, 35 miles N.W. of Harrisburg, Pa.

65 QUILTS (12:30 P.M.)

Including Wedding Ring, Broken Star Log Cabin, Log Cabin, Lone Star, Fan, Trip Around the World, Dahlia, Rose, Broken Star, Sunshine & Shadow and others. Also Wall Hangings and Crafts.

NEW ITEMS

Truckload of Tools, Dog Boxes, New Bolts, Roof Ventilators, Baler Twine, Hydr. Valve & Hoses, Lawn, Garden & Tree Sprayer, New Wagon Bed, Wishing Wells, Misc. Items.

USED EQUIPMENT

Farmall M Tractor (Very Good Cond.), 8-Row Field Sprayer with Myers Pump, Myers Hay Conditioner, New Farm Tools, Atlas Table Saw w/E. Motor Storage Batteries, Case V C Tractor; Farm Trailer, Irrigation Pump with Engine, Briggs & Stratton Engine w/Gear Reduction, Wagon Load of Misc. Items.

MANY OTHER MISC. ITEMS HOUSEHOLD ITEMS

Old Fashioned Kitchen Range, Pickup Load of Office Chairs & Swivel Chairs, etc., Electric Refrigerator.
Truck with Fish **Cousin with Dry Goods**
"We will sell your items on commission"- Contact Elam Fisher (farm next to school) or Henry Lapp, Loysville, Pa.
Lunch Stand by Parents with:
Chicken Bar-B-Q, French Fries, Subs, Soup, Sandwiches, Ice Cream and Baked Goods.
"Sale Held Under Tent"

Sale by
PERRY CO. AMISH PARACHIOL SCHOOLS

PUBLIC AUCTION

NINEPOINTS FARM STORE GOING OUT OF BUSINESS

JULY 18, 1987

9:30 A.M.

Located from Rt. 30 to Rt. 896. 10 Miles South of Strasburg along Rt. 896 to the Village of Ninepoints. First lane on left.

Display case cash register filing cabinet small cabinets shelves new Handyman jacks digging irons chain vise tree sprayers fence stretchers drill press & drills No 14 shovels scrapers manure forks brooms 206 manure spreader webs wheel barrow & wheels grease cartridges & grease guns Tangley foot ware Oliver Mc & JD plow shears, shins land slides plow bolts & parts over 200 boxes bolts nuts washers lock washers 20 parts of boxes of nails nail kegs pipe wrenches pipe cutters & parts, pipe vises ridge pipe threader ¼ to 1 & 1 2' threader threaded rods hog water bowls 2 water hydrants grindstone 60 rolls Mesh drive chains No 25 up to 72 roller chain repair links cleaves draw bar pins weed control blades 2 weed control sets 35 7 ft NH Mc & JD knives sections end sections rivets guards pitman woods & grass boards culti & harrow shovels NH and other rake teeth bolt cutters new & used tools plastic pipe in rolls plastic & galv fittings galv pipe 4 drain pipe iron pile fishing equipment push lawn mower meat saw butcher knives 12 ga shot gun old boards

Items too numerous to mention No out of state checks unless known by Auctioneers or Owner Refreshments available

TERMS BY
MENNO S. BEILER

Auctioneers conduting sale:
Lloyd Kreider, AU000513L, 717-786-3394,
Randal Kline, Roy Good, Gary Shirk

KREIDER & KLINE AUCTIONEERS

PUBLIC SALE

of

ANTIQUE TOOLS & GUNS

MONDAY, JULY 13, 1987

At 4 P.M.

Sale to be held at Southern Manheim Township Fire Hall located at corner of Orchard St. & Fruitville Pike, Lancaster, PA.

Antique Tools

BROAD AXES - Beatty, Larew, Kinsey, Hoener, Hagen, Stohler, Brosey, Jobin, Yinger, Wm. Mann - P. Schwieser; Small Broad Ax; 5 GOOSEWING AXES - AXES - Coachmakers, Fireman's, Boat, Felling, Wrap-around, 4 POSTHOLE AXES - Ice Axes; Splitting Mauls; Adzes; Slot Adz; Debarking Tools; Hatchets; Froe.

WOODEN MOLDING BENCH PLANES - Cooper's Long Jointer; E.W. Carpenter; R.A. Parrish; Bailey; Stanley; White; Sargent; Carter - Balmer; Palm; Powell; Hartzel; KEFFER - AUXER, LANC.; Bensen/Cranel; H. Chapin; Colton; M. Copeland; Auxer - Renly, Lanc.; Bauder - Manheim; John Bell; Benner, Scioto 15.

Planes - Beading, Barrel, Cooper's Sun; Spoke Shaves; Inshave; Posthole Saws.

PLANES - STANLEY #55 (blades) - #45 (blades); Shelton #05; Winchester; 2 STANLEY #4, #191, #78, Bailey #5, #3; Wooden/Brass Braces; Wooden & Brass Levels; ANTIQUE DRAWING KNIVES - Chamber Knife; Higginsbeidey Mast Knife; Buck & Bow Saws; Lg. & Small Chisels; Monkey wrenches; Slater's Tool; Champion Mortising Machine; Auger Bits; Hollow Auger.

ROUTERS - Stanley #71; 8 transits; Sizing Tool; Machinist & Carpenter Toolboxes; Double Calipers; Butteris w/Replacement Bit; Bone Wetstone Holders; Betty Lamps; Miner's Light; Balance Scales; Shoulder Yoke; "C" Clamps; Wooden Clamps; Hand Saws; Pocketknives; Box Scraper.

GUNS - .22 Stevens Pump; "Davis" Double Barrel 12 Ga.; Clausen Double Barrel; .22 Savage #3C; 7M Mauser Rifle; Flintlock Rifle.

PISTOLS - C. Sharps 4 Barrel.

Terms by:

HELEN M. GRIESEMER

Auctioneers:
T. Glenn Horst, AU000438L
Timothy G. Horst, AU001767L
717-859-1331 - 717-738-1245
No Out-Of-State Checks unless current Bank Letter.

SAT. JULY 18 - 9:30AM Electric Supplies over 50 year accumulation. Located Millersville, turn off West Charlotte Street to 446 Hostetter Drive. Terms by: C.B Harnish. Margaret Sheaffer, Power of Attorney Robt E & Jeffrey R. Martin, Aucts Frank L. Steller.

MAPLE LAWN AUCTION

Route 113 1 Mile W. Phoenixville

THURS. EVE., JULY 9, 1987

6:00 P.M.

Exit 23 Pa. T.P. Downingtown, Chester Co., Pa.

Selling furnishings of Local Estate - Fine Rock Maple Dining Room, Modern Bedrooms with bedding, Living Room - Redwood & other garden furniture. All the bric-a-brac, china and many pcs. antique and later - air cond. & fans.

R.W. Rhoades Auct. AU001097-L
J.T. Rhoades Auct. AA002384-L
215-933-5743
933-2806

At private sale, 5 yr. old reg, QH G. 16.1 h. - broke, can jump, dapple gr. Right kind $1500.00

PUBLIC AUCTION

SURPLUS ITEMS FOR QUAKER MAID KITCHENS IBM COMPUTER, COMPLETE TELEPHONE SYSTEM, COMPLETE KITCHENS, CABINETS, SHOP EQUIP., MISCEALLANEOUS

SATURDAY, JULY 11, 1987

At 9:00 A.M.

Located 1 mile South of Leesport along Rt. 61, Berks Co., Pa.

IBM computer - system 34-5340 S/N 15297, 128K-128 megabytes of disk, BSC Communications, work station expansion for 16 CRT's. Seller reserves right to clear machine of proprietary data after machine is installed by new owner. (min. bid $2000), complete telephone system - GET model GTD 120, truckload of kitchen cabinets - single cabinets & complete kitchens, new 275 gal. oval fuel oil tank, Rockwell 4-sp. wood lathe model 46-150 w/10" swing & 36" bed, Rockwell 15" floor model drill press model 15-081 S/N 81G80141, Rockwell 10" band saw, Manea edge bander S/N 10554 - 220/440V, Rockwell 15" floor model drill press S/N 1257691 (spindle missing), Acme 2C belt sander - 115V, Simplex time clock type 8400S S/N 11803930, Chicago Pneumatic Tru-Tork automatic feed, automatic screw driver, model Q.C. 12 - 115V, Alexander Dodds female dovetail machine S/N M173S - 220/440V, 2 ton C & M trolley hoist w/pendant control - 220/440V, Lancaster drawer clamp model 215B, Lancaster glue spreader model 210B, 1000 lb. platform scale, Special drawer side machine made by Indust. Mach. of Trexlertown, Pa. - 220/440V, panel grooving machine made in house - 220/440V, flowcoater - 220/440V, model 8 handy frame clamp S/N F7P8, Workrite high frequency glue machine, hand operated wire strapping machine w/reel & 4 coils of wire by U.S. Steel model LK41545M2, Bostich long arm floor model carton stapler, (26) 30"x48" hardwood skids w/metal frames & legs, (4) Barl-O-Way drum storage racks 19-55 gal. drum capacity, barrel lifting attachment for fork lift, Special pedestal air clamp, air clamp for door to 27"x36", Commander 2 spindle drill head model 600 SnDD011 1¼" to 6¼" hole spacing, (2) steel storage racks 8' high w/4' arms each side, used 75 gal. Rudd gas hot water heater model RH75-63, (7) metal stackable chairs, (8) folding tables 2'x8' w/steel legs, (20) recessed fluorescent light fixtures 2'x4', (7) 300 watt outdoor flood fixtures, (10) electric motors 5 hp to 40 hp 220/440V, misc. paint spray equip., (4) Deming pumps size 3M (3 w/7½ hp - 220/440V motors), misc. plumbing supplies, misc. electrical supplies (includes several 30 amp buss disconnect switches), approx. 4200 lineal feet of 2"x2"x1/16" plastic tubing, misc. wood & laminate parts, misc. furniture, Bogen amplifier model GA-6A, Ritter front frame clamp model R300 S/N 482 (6'x12').

Auct. Note: Items can be previewed Friday, July 10th from 8 AM till 4 PM

TERMS: Cash or Pa. check, day of auction.

Sale Ordered By:

QUAKER MAID KITCHENS

Auctioneer:
Dennis F. Wagner
AU-001427-L
Phone: (215) 562-7445
Brian R. Folk, App. Auct.
Refreshments Available

SATURDAY, JULY 25, 1987

1:00 P.M.

Located in Intercourse, PA along Rt. 340 & Rt. 772 approx. 9 miles east of Lancaster.

5 UNIT RENTAL INVESTMENT PROPERTY

Commercial Zoning, prime tourist area. Estate includes 2 apartments, 2 shops, 1 ea now a Pizza Shop. Inspection of prop cy, phone Auctioneer Ron Funk, 717-442-427 or Fred Clark, 717-768-8369.

OWNER: FRED & ELIZABETH CLARK

Real Estate Terms: 10% Down, day of auct. l, transfer tax paid by buyer, real estate tax s prorated, settlement on or before Sept. 1, 1987

1% Broker Participation if client is registered with Auctioneer Ron Funk before Friday, July 24, 1987. For details phone Auctioneer.

RON FUNK AUCTIONS
*AUCTIONEERS * APPRAISERS * LIQUIDATORS*

GORDON RESSLER AUCTIONEER 687 7402 | RON Vintage Road Paradise, PA 17562 717 442-4279 | LARRY LEEFEVER AUCTIONEER 215/593-5296

PA License #AU 114 1
★ AUCTION SERVICE SINCE 1961 ★
Affiliated with Century 21 Fagan and Associates Lancaster 397 7400

SAT JULY 18 - 9:30AM Electrical Supplies, Over 50 Yrs Accumulation Located in Millersville, PA. Turn off of West Charlotte St. at 446 Hostetter Dr Terms by: C.B. Harnish Auctioneers: Robert E and Jeffrey R Martin.

SAT JULY 18 - 10AM Truck Tractors, Dump Trailers, Garage Eq., etc Blossburg, PA, Morris Run area 38 mls N of Williamsport and 40 mls s of Corning, NY From US Rt 15, go through Blossburg to Morris Run Jones & Brague Mining Co, Owners. Dick Crittenden Auct. Co

SAT JULY 18 - 10AM Oak Roll-Top, Cub Cadet Mower, Guns, Watchsmith Tools, Appliances, Organ, Household Located on premises D-Twn Russelville, PA on Rt 10 Intersection of Rt. 10 & Rt 896, 6 mi N Oxford, PA 28 mi S of Lancaster, Rt 41 to 10 By order Dorothy B Gordon, owner Whiteside Auction Service

WED. JULY 22 - 10AM Power City Construction, Inc Complete Liquidation Phoenix, Arizona Bucket Trucks, Prod. Diggers, Hyd Digger Derricks, Tractor Loader Backhoes, Trucks & Line Tools Vilsmeier Auction Co., Inc

PUBLIC AUCTION

SAT., JULY 11 — 9:00 A.M.

Located at R.D. #1, Orangeville, PA on Route 254 (Millville-Rohrsburg Road) ½ mile from Rohrsburg.

Selling the 3 generation accumulation of personal property of the estate of Harold Bogart.

ANTIQUES

1 pc 12 pane cherry corner cupboard depression era table with 6 chairs 2 3 section oak bookcases 7 pc East Lake red velvet living room suite library table 3 pc mohair living room suite East Lake cottage style bed/5 headboard Empire 4 drawer dresser 3 drawer dresser w/mirror oak bed 6 high headboard w/carvings dresser w/serpentine drawers 4 pc Hepplewhite bedroom suite 4 pc cottage style bedroom suite w/6 headboard hired man s bed jelly cupboard chestnut dropleaf table wood blanket chest dry sink 2 doors 2 drawers 2 door jelly cupboard walnut dropleaf table early 1 drawer stand pine drop leaf table 4 walnut hall mirror (fancy) marble top stand cedar chest oak comb case w/mirror child s old wood sled 7 high fancy wardrobe

QUILTS

1 quilt dated and initialed MM 1870 1 coverlet Proest and Seip 1847 sampler 12 x 12 consisting of girl 2 birds house trees fence animals and flowers signed Elizabeth Moore Hemlock June 18 1839 (excellent cond) approximately 12 hand stitched quilts 5 quilt tops misc patterns several comforts black and white coverlet

MISCELLANEOUS ANTIQUES

2 wicker rockers slat back rocker several plank bottom chairs child s highchair misc wood stands small wood cabinet many old fancy picture frames and pictures 2 turtle back trunks bamboo stand child s old rocking horse early drying rack misc cane bottom chairs 10 pcs Niloak pottery asst crocks and jugs Cowen and Wilcox Newbrighton 3 gal crock 6 gal A L Hyssong, Bloomsburg (cracked) w/blue design 5 gal crock w/blue design Evan R Jones crock w/blue flowers sm sponge bowl miniature blue granite spittoon Benning spittoon many pcs graniteware wood handle flatware wood rolling pins cast iron frying pans many misc old advertising jars tins and boxes approx 100 or more old bottles the Crestmont Eaglesmere PA plate several wicker and split baskets many pcs of primitive tinware cabbage cutter old doilies and linens sadirons old forge tools kerosene lamps and misc single and double brackets 2 pint bottles marked Sam Thompson pure rye whiskey old tin lunch buckets many pcs ironstone china copper washboard 1 bracket kerosene lamp w/reflector, 2 floor lamps many old postcards 2 1954 Bloomsburg Fair ashtrays small Eaglesmere postcards old mercury vases and powder dish small carnival glass basket Domestic treadle sewing machine caster set Dough Boy helmet WWI clothing ironstone jar filler and misc pcs cherry pitter 6 boxes of Elproducto 15 cent cigars in wrappers ironstone pitchers stereoptic viewer redware flower pots old wood mouse trap ice tongs, deep dish picture frames Columbia and Montour County Atlas 1876 many old books frame w/picture Deering and Harvesting machines tin dinner horn Planters peanut cans red fox inkwell wicker bottle, cheese boxes wood wheelbarrow old magazines hay fork Pittston coal stove, early store scales lanterns misc hand tools small broad axe wrenches screwdrivers wood levels drill bits hammers draw knife shovels rakes axes

AUCTIONEER'S NOTE **This is a partial listing of items too numerous to mention from 3 generation accumulation**

Statements made day of sale take precedence over all previously written material!

OWNER OR AUCTIONEER NOT RESPONSIBLE FOR ACCIDENTS!

TERMS Cash or travelers checks Complete payment auction day Checks accepted with current bank letter of credit unless known by Auctioneer or Seller

LUNCH Yes **SALE UNDER TENTS**

SELLER: MARTHA L. STARR

OLEN R. KNECHT, AUCTIONEER
AU-001765-L
R.D. #2, Box 15, Orangeville, PA 17859
(717) 683-5955

ASSISTED BY: JOE KINN, AUCTIONEER

Dairy and Livestock Sales

THURS. JULY 23 - 10AM Dairy Herd, Farm Machinery, Horses & Milking Eq. 3 mis. E. of Intercourse, Lanc. Co., PA. For: Stephen Jr. & Rosa Stoltzfus. Steve Petersheim & Steve Jr., Aucts.

THURS. JULY 23 - 10AM Power City Construction, Inc. Complete Liquidation, Fontana, California. Bucket Trucks, Hyd. Digger Derricks, Stringing Equipment, Line Tools, Trucks, & Pickup Trucks. Vilsmeier Auction Co., Inc.

FRI. EVENING, JULY 24 - Complete Dairy Herd Dispersal. RD2, Millerstown, Perry Co., Pa. J. Ted Troutman & Sons-Owners. Kling Auct. Service - Sale Managers.

MON. JULY 20 to SAT. JULY 25 - 8:30AM Ea. Day. Stock, Library & Collections of the late Robert N. Godshall. At Akron Fire Hall, 1229 Main St., Akron, Lanc. Co., PA. T. Glenn & Timothy G. Horst, Aucts.

FRI. & SAT. JULY 24 & 25 - 9:30AM Each Day. Lewis Saxe Estate, Farm Machinery, Tools, Antiques. Located off Rt. 6 Wyalusing or off 220 at Dushore to Rt. 87, Sullivan Co. Executor: Robert Saxe. Auctioneer: Jerry Burke.

SAT. JULY 25 - 8:30AM Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. JULY 25 - 1PM 5 Unit Rental Investment Property. Intercourse, PA, along Rt. Rt. 340 & Rt. 772 approx. 9 mis. E. of Lancaster. Fred & Elizabeth Clark, Owner. Ron Funk Auctions.

SAT. JULY 25 - 9:30AM Antiques, Household, Farm Equip. Located 2 mi. east of East Berlin, PA on Rt. 234, turn north of Admire rd., follow approx. 1½ mi. to sale on right. Between Big Mt. Road and Rt. 234 on Admire Rd. Sale for Mr. and Mrs. Rufus Ruppert. Auctioneer: Blaine N. Rentzel.

Notice:

Anyone having any items you want adv. for our consignment sale please let us know no later than July 22, 1987.

Kutztown Community Fire Co.
Local Committee

Norman Marks	717-866-2432
Raymond Martin	717-866-4808
Carl Weihs	717-866-6865
Mark Gibble	717-866-2991
Henry Brubaker chairman	717-866-2702

FINE UNRESERVED ESTATES AUCTION

FRIDAY, JULY 10, 1987 - SALE TO START AT 6:30 PM
PREVIEW 4:00 PM

Selling the Estate of Mrs. M. FitzSimons, Warwick, NY. Also from the homes of Mrs. H. Maly, Mr. D. Pelton, Mrs. M. Nusbaum, and Mrs. R. Rolland.

Sale to be held in the Ballroom of "LaMasquerade" Restaurant, Route 17M between Chester and Goshen, NY.

DIRECTIONS: Take NYS Rt. 17 East or West to Exit 126 at Chester, NY. Pick up Rt. 17M West approximately 1½ miles to "LaMasquerade". From North NJ take Rt. 23 to intersection of Rt. 94, go North thru Warwick, NY to Chester, NY. Take Rt. 17M West 1½ miles. Chester, NY, is 50 miles North from GW Bridge via NYS Thruway.

SPECIAL: 1965 Chrysler Imperial Crown Coupe - Aqua, Black Leather Upholstery. Extraordinary Condition.

FURNITURE: French Boulle style inlaid MT cabinet, French style inlaid MT stand, French Provincial style fruitwood chest, set (4) carved Continental side chairs c. 1820, Georgian style tilt top stand, carved Revival credenza, Victorian column stand, crock bench, carved camphor wood chest, oak platform rocker, maple cradle, mahogany slant-front desk, breakfront, china cabinet, drop-leaf tables, country store display case, Chippendale style side chairs, (4) Thonet designer chairs c. 1950, many clean chairs, tables, bookcases, trunks, etc.

JEWELRY: 1.25 ct diamond solitaire ring, gold cigarette case, (2) 14KT lorgenettes (2) gold Tiffany brooches, 14KT garnet chain, 18 KT chalcedony Masonic FOB, 14KT jade brooch, amethyst ring 32.67 cts., 14 & 18KT cufflinks, (2) gold lady's wristwatches, Tavannes sterling purse watch, pearl/jade necklace, vintage Elgin man's wristwatch, Ingersoll Mickey Mouse wristwatch, rings, chains, amber & lots of costume accessories.

SILVER: Fantastic "Esthetic Movement" sterling handled bowl with full-bodied bird on rim diameter 11" - 40 oz., William IV repousse pitcher height 7½" - 16 oz., (136) piece sterling flatware service "Virginia Carvel" - 128 oz., (14) piece sterling dresser set, Tiffany sterling platter, Gorham sterling bowls, plates, & salts, fine sterling pedestal creamer & sugar, pr. sterling candlesticks, lots of sterling flatware, several nice lots of silver plate.

GUNS: Winchester 38/55 octagonal round barrel (SpecialOrder) 1902; Beretta mod. 300, 12 ga. auto; Winchester 32/40 1894; Savage 303; Mossberg 20 ga. pump; several old hammer-action shotguns; 36" bear trap.

STAMPS: Numerous lots of uncanceled sheets & blocks of U.S. commemorative, first day covers.

ART WORK: John Henry Dolph "The Little Family" oil on canvas, R.A. Blakelock "Coast of California" oil on panel, att. Z. Belknap charcoal portrait, Gordenn oil on ivory, several other oils and watercolors, (2) Japanese woodblock triptych, fine Japanese four-panel screen, many good lithographs & chromos, eglomise painting "Game Birds".

TIME PIECES: Tiffany brass 8-day alarm; French carriage clock; miniature enamel clock; Art Deco purse watch; mantle clocks by Seth Thomas, Ansonia, and Ingraham; oak regulator; and others.

ACCESSORIES: Stromberg oak wall telephone, Shaker style nesting boxes, sailboat model, (2) Sevres style lamps, (2) ornate brass lamps, parcle-gilt sconce c. 1810, gilt mirror sconce, brass tudent lamp, ship lantern, cameo glass lamp, many crocks - jugs (some with blue decoration), Weller & Fulper vases, Ridgeway "Coaching Days" pitcher, KPM demitasse service, Vienna cabinet plate, cranberry vase, lots of carnival and depression glass, flow blue, fine glassware including goblets, 3-face compote, vases, lots of fine china, early kitchen accessories, fine tradecard scrapbook, early valentine cards, blue/white homespun coverlet, great linens & spreads, vintage and 1920's clothing, bisque doll, books including 1st ed. Mark Twain autobiography, honey bee & archeology books etc., old radios, Jacobsen self-propelled lawnmower, lots of tools, and so much more.

NO PREMIUM, NO RESERVE
TERMS: CASH OR POSITIVE ID.
All LaMasquerade Facilities Available
AUCTIONEERS: JIM STURR, SR - WILLIAM JENACK
(914) 651-7897 — (914) 469-9095

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

PUBLIC AUCTION

Dave Deibler & Ed Shoop

SAT., JULY 11, 1987
AT 10:00 A.M.

Located Approximately 12 Miles East Of Halifax, Or 1-½ Miles East Of Carsonville, Along The State Road To Lykens, Jefferson Township, Dauphin County. Turn East At Upper Dauphin Bank Along Route 147, Proceed To Carsonville, Turn North At Hotel, Proceed To Sale.

REAL ESTATE AT 12:00 NOON

Appr. two-twenty acre parcels of woodland in beautiful Powells Valley. Ideal for home, cabin, excellent hunting.

Parcel #1– Approximately 17 acres of woodland and 3 acres of tillable land which borders State Road and State Forest Road. Stream runs through west end of parcel. Electricity and drilled well on property. Approx. 800' of hard road frontage.

Parcel #2– Approximately 23 acres of woodland which borders State Game Lands. 50' right-of-way leads to property. Electricity close by.

TERMS: 10% Down, Balance 60 Days. Additional Terms Day Of Sale.
FOR INSPECTION CALL: 362-9106 or 896-8530.
AUCTIONEER NOTE: Excellent selection of mechanical and auto body and hand tools. Don't miss this sale.

OWNER:
VESTA N. KESSLER
ATTORNEY: GREG KERWIN

AUCTIONEERS:
ED SHOOP, 896-8305, AUA42-L
DAVE DEIBLER, 896-8530, AU1213-L
R.D. 3 Box T-76
Halifax, PA 17032
Cash or Approved Check Accepted.
Lunch Stand Reserved

PENNSYLVANIA AUCTIONEERS ASSOCIATION — NATIONAL AUCTIONEERS ASSOCIATION

SHORT NOTICE

PUBLIC AUCTION

SAT., JULY 11th
AT 10:00 A.M.

The undersigned selling property and is quiting farming, will sell the following.
LOCATED: From Red Lion Square take Rt. 74 South approx. 1½ miles T/L on Burkholder Road at Macks Ice Cream. Take Burkholder Road approx. 5 miles T/L on Richmond Rd. go approx. 1 mile property on left. Sign posted. R.D. #1 Red Lion, Chanceford Twp., York Co. Pa.

TRACTORS, BOB CAT, HORSE TRAILER, FARM MACHINERY, FEEDER CATTLE, ETC.

1971 Farmall 140 tractor with wide front end, bought new looks and runs A-1, good rubber, kept inside, Case 500 Tripl range tractor new tires, kept inside looks and runs A-1, Bob Cat Clark 310 with only 78 Hrs. used very little, scoop bucket and fork bucket, bought new and looks new, IH post hole digger for 3 pt. hook up new, never used, John Deere manure spreader, belly mount cycle bar mower fits Farmall 140, 10 H.P. AC 110 riding mower, 1974 Gore 2 horse trailer looks real nice, 7 Ft. 3 point scraper blade, tag along 5 ft. rotary mower, 30 ft. bale elevator w/pto or runs w/motor, 3 bottom mounted plow cast, snow plow for 140 Farmall, flat bed farm wagon w/J.D. running gear, long boat trailer, 40 ft. wood extension ladder, tool box for pick up, camper insert for 8 ft. truck bed, tractor chains for Farmall 140, hog troughs, bath tubs for watering, log chains and binders, several loads of fire wood, dog box, wagon load of around the farm items, and more farm machinery well taken care of. **Please come early auction will go fast.**

2 FEEDER CATTLE- SANTA GERTRUDIS 1 BULL- 1 STEER (THEY LOOK GOOD)

TERMS: CASH OR GOOD CHECK
NOT RESPONSIBLE FOR ACCIDENTS
FOR INFORMATION AND APPOINMENT TO SEE BEFORE SALE CALL OWNERS.
MR. & MRS. DONALD E. BOYD SR.
(717) - 927-6278
BRADLEY K. & CARL H. SMITH
AUCTIONEERS LIC. #860
& AA-1649-L
Ph. #717-927-6949
FOOD AVAILABLE
"AUCTIONS YOUR PLACE OR MINE"

COMPLETE WESTERN MARYLAND HERD DISPERSAL

At the Shady Lane Dairy Sales Inc., ¼ Mile West Of Quarryville Off Oak Bottom Rd.

FRIDAY NITE, JULY 17TH 8 O'CLOCK SHARP D.S.T.
180 HEAD REGISTERED AND HI GRADE HOLSTEINS 180

Herd Consists of 71 Head Home-Raised Holsteins, 24 Recently Fresh, 6 Dry Springing, 32 Due Through Base Months. This Is An Outstanding Herd. Many Years Of Home Breeding. Shipping Milk Over 40 Year's. These Cows Are Extra Large In Size With A Lot Of Potential To Milk 100 Lb. Or Over. Never On Test. **Special Mention On This Herd.** 22 Milking With 1st Calf. 16 With Second. Milk Test June 23 53 Lb. Per Cow. Herd Being Offered Due to Farm Sold. A Real Opportunity To Buy Good Home-Raised Cows.

Selling Same Nite: Group Of 1st Calf Fresh And Springing Heifers From Chester County.

1 Load Of Fresh And Springing Cows And 1st Calf Heifers From York County.

3 Good Registered Cows From A Top Local Herd. 1 Load Top Fresh And Springing Cows And Heifers For Marvin Eshleman From Franklin County.

Special Mention: 23 Head Large Open And Short Bred Heifers From 1 Farm Out Of Fulton County. A Real Set Of Heifers.

Heifers All Selling At 8 O'Clock Sharp.

SHADY LANE DAIRY SALES INC.
Quarryville, Pa.
Phone Glenn 1-717-786-2750
Dave 1-717-786-1725

P.S. The Place To Buy Good Herd Dispersal Cows At Affordable Prices.

If You Have Cows Or Heifers For This Special Sale, Please Have Them In By Thursday Nite.

Thanking You In Advance. **The Fites**

Juniata County

COMPLETE REGISTERED HOLSTEIN MILKING HERD DISPERSAL

FRIDAY EVE., JULY 10, 1987

7:00 P.M.

Located in Mifflin County at Kish Valley Dairy Sales corner of South Walnut St. and Front Mountain Road, Belleville, Pa.

82 REGISTERED HOLSTEINS 82

Herd consists of 82 mature milking animals of which several recently freshened several bred for late summer and fall Balance in all stages of lactation Few top sires with daughters selling Triple Threat Milestone Elevation Marc

Note. This is a young, good uddered herd with lots of milk and type. If looking for replacements or foundation stock, don't miss this sale

Calfhood Vaccinated 30 Day Health Charts
Pregnancy Examined
Catalogs DHIA Records
1986 DHIA Herd Average 17 911M 620F

RONALD L. & BEATRICE V. HOFFMAN

Sherman L. Glick, Sales Manager
Phone 717-935-5195 or 248-0960
Bryan D. Imes, Auct.
AU-001656-L
V. Art Kling, Pedigrees

Complete Farm Dispersal

Saturday, July 11, 1987

9 A.M.

2 mi. from Nelson, Pa. off Route 49 on Bottom Hill Rd. 5 mi. West of Lawrenceville, 5 mi. East of Elkland, Pa. Tioga Co.

Selling 48 mature cows, all Holstein except 5 Jerseys, in all stages of lactation. 30 day blood and TB tested. There are some outstanding individuals in this herd.

Mach. and equip. inc. MF 1100, diesel, loaded w/extras and only 2498 hrs., MF 175, diesel w/2125 hrs., MF 245 w/1600 hrs., Ford 140, 5 bottom, 18" auto. re-set plow, NI Model 404 wheel rake, MF 124 baler w/thrower, string or wire tie, in like new condition, Oliver, 3 bottom, 3 pt plow, 2, 3 pt. cultivators, 2, 3 pt. blades, 2 sets 3 pt. bale forks, MF 14' disc, NH Model 850 round baler, MC Model 9E rotary mower, NH Model 513 spreader, real good, 3 Lamco kicker racks w/hd. NH running gears, NH 32' elevator, Agway bedding chopper, 3 hp w/100' hd cord, JD Van Brunt, 13 hoe drill, JD Model F, 13 hoe drill, 2 sets Pittsburg drags, 3 section and 4 section, 3 utility trailers, 2, 300 gal. fuel tanks, 3 pt log splitter, 10 ft. auger, 40 ft. wood ext. ladder, 3 pt rear end blade, flat bed wagon, 30' belt, adapter to trail 2 grain drills, 5' by 6' al. door, 16' metal gate, 50 new neck chains, 2 feed carts, dehorners, 3 sets cow clippers, forks and shovels, fogger, calf starter, milk cans, 23 bales twine, quantity of new lumber, log chains, grabs, bars, anvil, vise, grinder, 4 electric fencers, 1½ and 3 hp electric motors, grease, oil, hyd. jack, old hand drill press, grinding discs, wrenches, locusts posts, axe, chain binders, fencing tools, come-alongs, tackle blocks, grease guns, saws, 2 cycle oil, Ski-Whiz, Model 444 w/only 129 mi. MF Model 12 riding lawn mower, Jamesway, shuttle stroke barn cleaner, Jamesway barn cleaner, 200 ft. of chain, new last fall.

Milk equip. inc. Universal pipe-line milker w/300' of 1½" line, 4 Nu-Pulse milkers, only 3 wks. old, 2 DeLaval units, Du 300, 2 Surge units, 2 ss pails, ss strainer, 100' of new plastic milk line, Universal 3 hp vacuum pump, Surge 3 unit vacuum pump.

Terms, cash or good check w/proper ID, lunch available, Sale in tent.

Owner, **DELOS (BUD) BOOM.**

Sale by Beards,
Knoxville, Pa.
Lic. AU-000051-L

PS. Mr. Boom has decided to discontinue farming and sell everything. Household furniture Sale will be at a later date. A real good dairy of cows, all second and third calf except one or two. You will appreciate this herd. All are raised right here on the farm. Also selling a line-up of well maintained machinery and a lot of good useable small tools. We will see you at the Sale July 11, 9 A.M.

Public Auction Register

200-300 HEAD SPECIAL HORSE SALE WORK HORSES & DRIVING HORSES

FRIDAY EVE., JULY 10, 1987

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.
Tack 6:00 P.M.
Sale 7:00 P.M.
Horses Hitched at 12 Noon

* 1 Load Work Horses and Driving Horses consigned by Ward Wright.
* 1 Load Driving Horses consigned by Bud Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:

Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

NEXT HORSE SALE SEPT. 11

PUBLIC SALE OF PERSONAL PROPERTY

WEDNESDAY, JULY 8, 1987

3:00 P.M.

At The Lemaster Community Center, Lemaster, Franklin Co., Pa. 13 miles Southwest of Chambersburg, Pa.

GASOLINE ENGINES

No. 1 - Quincy - 1½ H.P. Serial #601, 450 R.P.M.; No. 2 - International 1½ H.P Model 300; No. 3 - New Idea #2, 1½ H.P. - 3 H.P. variable speed; No. 4 - 1½ H.P. Economy, 600 R.P.M.; No. 5 - International 1½ H.P.; No. 6 - Fairbanks Morris, 3 H.P., No. 7 - International Type L.L 1½ H.P., No. 8 - Jaegar Manf. Columbus, 2 1½ P.H. model 30072; No. 9 - Domestic Shippensburg 1½ H.P. by Domestic Pump Co., No. 10 - Twin Cylinder Maytag motor; No. 11 - Bolens tractor Model A.K.S. Wisconsin motor with cultivators and disk harrow; No. 12 - John Deere one horse 1 row corn planter; etc.

ANTIQUE AUTO PARTS - Ford block head, carburetors; generators; clutch plates; housings; lights; horns; running boards; fenders; brass tire pumps; wheels; etc. **6:00 P.M.**

BUGGIES

Good buggy with shafts, victorian seat and parasol; beautiful 3 seat pony cart and shafts; buggy jack; post anvil; old post drill; well pipe lifter; harness; etc.

FURNITURE - Chippendale camel back sofa, antique green velvet, highly carved and claw feet; Chippendale camel back love seat, antique red velvet, ball & claw feet; mahogany 3 piece bed room suit, a beauty; mahogany nest of tables; oak cane seat chairs; fine oak sideboard; oak wall cupboard; mahogany vanity dresser with needlepoint bench; mahogany tables; beds, mattresses and springs; glider; dressers; etc.

MISCELLANEOUS - Scout ax labeled Winchester; buck saw; large England brass charcoal heater; stereo; toasters; grills; rugs; Christmas decorations; luggage; walnut salt box; clocks; T.V.; fans; heaters; typewriter and stand; wheel chair; ice cream freezer; garden and hand tools; paper rack; loads of dishes; milk glass dresser set with bottles; goblets; sherbets; pitchers; water glasses; pictures; frames; etc.

AUCTIONEER NOTES - The above "Items" are from my "collection" J. Robert Meyers. Gasoline Engines will be sold at 6:00 P.M. Auto parts at 6:30 P.M. Lunch available. Doors open at 2 00 P M Many items not listed.

TERMS - Cash.

J. ROBERT MEYERS

J. Robert Meyers
AU-000-601-L - Auctioneer
Smith and Alleman, Auctioneer

Dairy and Livestock Sales

SAT. JULY 25 - 9AM Farm Machinery, Mushroom Eq., Cattle Truck, 2 Dump Trucks, MF 40 Tractor, Feed. Chester Co., PA. 6 mis. E. of Oxford. From Rt. 896 go E. on Hess Mill Rd. to Pennock Bridge Rd., follow sale. Ashton & Patricia Brackin, Owner. Steve Petersheim & Steve, Jr., Aucts.

MON JULY 27 - 9AM Primitives, Antique Tools, Antique Toys & Collectibles, Office Furniture The late Robert N Godshall. At Brickerville Fire Hall, off Rt. 322 in village of Brickerville, Lanc. Co., PA Between Ephrata and Hershey. T Glenn & Timothy G. Horst, Aucts.

TUES. JULY 28 - 40 Reg Holstein Cows from Yoderstead Farm. Mark R. Yoder, 717-395-2482.

WED. JULY 29 - 4PM Antiques, HH, Cars. 709 Tusitala Dr., Lancaster, Manheim Twp., PA. Near Catholic High between Pleasure Rd. and Crest Lane. Terms by: Vivien Bostic. T. Glenn Horst & Sons, Aucts.

WED., THURS., FRI., JULY 29, 30, 31 - Large three day sale of farm equipment at Horst Machinery lot, one mile east of Marion, PA Ralph W. Horst, Manager.

THURS JULY 30 - 9AM HH, Antiques, Coins, Guns, Shop Items Located between Farmersville and Bareville, turn off Rt. 23, 2 mis. W of New Holland on N Groffdale Rd. to Farmersville Rd., 1st road right. Terms by: Mary F. Martin. Ivan W Martin Deceased. Robt. E. & Jeffrey R. Martin, Aucts.

THURS. JULY 30 - 9AM HH, Antiques, Coins, Guns, Shop Items. Between Farmersville and Bareville. Turn off Rt. 23, 2 mis. W. of New Holland on North Groffdale Road to Farmersville Rd., 1st road right. Terms by: Mary F Martin. Ivan W. Martin, Deceased Robt. E. & Jeffrey R Martin, Aucts Frank L. Steller

AUCTION

TRUCK TRACTORS, DUMP TRAILERS, GARAGE EQUIP., ETC.

SAT., JULY 18, 1987 at 10 A.M.

BLOSSBURG, PA (Morris Run area)

Sale site is 38 miles north of Williamsport and 40 miles south of Corning, N.Y. From U.S. Rt. 15, go through Blossburg to Morris Run.

TRUCK TRACTORS

Int S 2500 tandem axle truck tractor (1983) S/N 1HTDF2578DHA18972 Cummins NTC 300 eng Fuller RT11607 tran Jake brake wetline P S Rockwell 474 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Int S 2500 tandem axle truck tractor (1983) S N 1HTDF2576DHA19005 Cummins NTC 300 eng Fuller RT11607 tran Jake brake wetline P S Rockwell 474 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Int S 2500 tandem axle truck tractor (1981) S N 1HTDF2576BHA15419 Cummins 400 eng Fuller RT11057 tran Jake brake wetline P S Rockwell 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Int S 2500 tandem axle truck tractor (1981) S/N 1HTDF257XBHA16380 Cummins 400 eng Fuller RT11057 tran Jake brake wetline P S Rockwell 38000 lb rear 12000 lb front axle Hendrickson susp new cab 10 00x22 rubber Int S 2500 tandem axle truck tractor (1981) S N 1HTDF2571BHA15490 Cummins 400 eng Fuller RT11057 tran Jake brake wetline P S Rockwell 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Int S 2500 tandem axle truck tractor (1978) S/N DF257HHA11172 Cummins NTC 350 eng Fuller RT12513 tran Jake brake wetline P S Rockwell 38000 lb rear 12000 lb front axle Rayco susp 10 00x20 rubber Autocar A64TB tandem axle truck tractor (1980) S/N TP1EFGG091133 Cummins 290 power torque eng Fuller RT509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Autocar A7564T tandem axle truck tractor (1965) S/N A7654T 56936 Cummins 250 eng Spicer 4x4 16 sp tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Henderickson susp 10 00x22 rubber Ford LN9000 tandem axle truck tractor (1979) S/N A90UVEJ6721 Cummins formula 290 eng Fuller RT9509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Ford LN9000 tandem axle truck tractor (1979) S/N A90UVEG7982 Cummins formula 290 eng Fuller RT9509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Ford LN9000 tandem axle truck tractor (1978) S N A90UVCG7289 Cummins formula 290 eng Fuller RT9509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Ford LN9000 tandem axle truck tractor (1978) S N A90UVCG7286 Cummins formula 290 eng Fuller RT9509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber Ford LN9000 tandem axle truck tractor (1978) S/N A90UVCG7288 Cummins formula 290 eng Fuller RT9509 tran Jake brake wetline P S Eaton DS380 38000 lb rear 12000 lb front axle Hendrickson susp 10 00x22 rubber

PICKUP

Ford F 150 pickup (1983) S N 2FTEF15Y7DCA04862 6 cyl 300 eng 4 sp tran P S

TRAILERS

Dorsey 28 aluminum dump trailer (1983) S/N 1DTD18C29DP015949 10 00x22 rubber Dorsey 28 aluminum dump trailer (1983) S/N 1DTD18C25DP015947 10 00x22 rubber Dorsey 28 aluminum dump trailer (1983) S N 1DTD18C23DP015946 10 00x22 rubber Dorsey 28 aluminum dump trailer (1983) S/N 1DTD18C27DP015948 10 00x22 rubber Dorsey 28 aluminum dump trailer (1983) S/N 1DTD18C21DP015945 10 00x22 rubber Dorsey 28 aluminum dump trailer (1980) S N HW14621 10 00x22 rubber Dorsey 28 aluminum dump trailer (1980) S N HW14622 10 00x22 rubber Dorsey 28 aluminum dump trailer (1979) S/N HW14342 10 00x22 rubber City 28 aluminum dump trailer (1981) S/N S4245008 10 00x22 rubber City 28 aluminum dump trailer (1981) S N S4244008 10 00x22 rubber City 28 aluminum dump trailer (1973) S N S1382208 10 00x22 rubber Trailco 28 aluminum dump trailer (1975) S N 10776 10 00x22 rubber Trailco 28 aluminum dump trailer (1974) S/N 10124 10 00x22 rubber Smithco detachable gooseneck lowboy trailer (1974) S N RHD1008739 pony motor 20 deck 12 00x20 rubber

BACKHOE

Case 680E backhoe (1975) S N 9118091 cab good rubber

This equipment was purchased new and is 1 owner Equipment has been well maintained and has been running every day

GARAGE EQUIPMENT & RELATED ITEMS

Dresser shop air compressor w 20 H P elec motor Dresser shop air compressor w/15 H P elec motor I R shop air compressor w 15 H P elec motor Goodall Start All Airco 250 amp mig welder Hobart 500 amp mig welder Forney 240 amp welder Troyco 3000 lb floor crane Neway valve seat cutter 4 ton tran jack Valve grinder Wells metal band saw Shop air compressor Oil reclaimer for hyd oil Oil pumps Hyd press Drill press Bench grinder Grease pump Vice Honeycutt tire regroover model AT66 Branick tire spreader Tire cage Parts washer Acetylene torches Jack stands Hand cart Quan of bolts & bins Quan of hyd hose Floor jack

TRUCK & TRAILER PARTS

Spicer 80165A tran (recently rebuilt) Small quan of Cummins parts Quan of new springs Quan of tires 22 lock rims 20 lock rims Hendrickson susp parts New brake linings New maxi brakes New wheel seals New brake drums New brake parts New slack adjusters Many more items

MOBILE HOME OFFICE TRAILER

Post Coach model 1040 S N PC0606 Front and back office space

REAL ESTATE

Consists of 9 buildings & land Each building & land where building is setting will be offered separately and then it will be offered in its entirety The highest combination of bids will be accepted

NO MINIMUMS! NO RESERVES!

For further info: 717-638-2101

JONES & BRAGUE MINING CO., OWNERS

Brochures mailed upon request.

Managed and sold by:
DICK CRITTENDEN AUCTION CO.
MANSFIELD, PA. 16933
717-662-3131 or 662-3409
PA. LIC. #AU000191-L

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. JULY 31 - 9AM Farm Eq. at New Holland Sales Stables, Inc., New Holland, PA.

FRI. JULY 31 - 5PM Verna A. Stump Estate, 37 Acre Farmette + 20 Acres of Open Land, Antiques, Household Goods. Located between Lenhartsville and Krumsville, Greenwich Twp., Berks Co., PA. Old Rt. 22 to the Village of Klinesville, turn onto Donat Rd. to Little Round Top Rd. to Stone Hille Rd., first farm, approx. ½ mi. from Old Rt. 22. Auctioneer: Dennis F. Wagner.

AUGUST

SAT. AUG. 1 - 8:30AM 2½ story all brick "Mylins Corner," Sports Cars, Tools & Eq., Antiques, Watches, HH. NW corner of Rt. 222 S. and Rt. 272 N ¼ mi. S. of the Willow Valley Resort Complex, near the village of Willow Street, West Lampeter Twp., Lancaster Co , PA. at 2538 Willow Street Pike. Claude F. Bechtold & Harold K. Keller, Aucts.

SAT AUG 1 - 9AM HH, Farm Eq. Located Cumberland Co., PA Ed & Shirley Knisely & Knisely Agricultural Center, Owners. Sensenig Auctioneering.

SAT. AUG. 1 - 9AM Guns, Shop, Carpenter, Masonry, Plumbing & Blacksmith Air & Electrician Tools, etc Located 7 mi south of Quarryville, 6 mi north of Oxford, 3 mi southwest of Nine Points, 1½ mi. east of Rt. 472 from Kirkwood: at 66 Morrison Mill Rd , Kirkwood, Colerain Twp , Lanc Co , PA Owner, Mrs. Melvin E. Lapp. Diffenbach Auctioneers

SAT. AUG 1 - 9AM Farmall Cub Tractor, Tools, Butcher Eq., Antiques Located bet. Strausstown & Rehrersburg, Berks Co., PA. Travel approx 2 mi. west of Strausstown on Strausstown/Rehrersburg Rd., turn onto Pearl Rd., third farm on right. For Mary E. & William Christman. Auctioneer, Dennis F. Wagner.

SAT. AUG. 1 - 9AM 66 Acre Farm, Antiques, HH, Farm Eq. Along Mohn's Hill Rd., Spring Twp., Berks Co., PA. Rt. 222 S. of Reading to Gouglersville, turn W. onto Mohn's Hill Rd., approx. 1.6 mis. to sale, near Mohn's Hill Church. Terms by: Hugo Buchel Estate. T. Glenn & Timothy G. Horst, Aucts.

SAT. AUG. 1 - 10AM Carriages and Surrys, Miniature Wagons, Woodworking Tools Village of Leola, Lanc. Co , PA. Robert K. Herman Estate. Steve Petersheim & Steve Jr., Aucts.

SAT. AUG. 1 - 2PM 92 Acres M/L Dairy Farm Located Mifflintown, Walker Twp., Juniata Co., PA. Raymond C. & Carol A. Hoffman. Sanford G. Leaman, CAI Auctioneer.

MON. AUG. 3 - 5PM Woodworking Tools & Equipment. Corner of Line Rd. & Main Street, Stevens, Lanc. Co., PA. Terms by: David H. Bressler. T. Glenn Horst & Sons., Auct.

THURS. AUG. 6 - 12 Noon Cumberland Co., RD6, Newville, PA Wolff Manor Milking Herd & Bred Heifer Dispersal. Kling's Auction Serv., Sale Mgrs.

THURS. AUG. 6 - 5PM By Leora J. & Titus Z Stauffer, 50 E. 2nd Ave., Lititz, Lanc. Co , PA Antiques, Clocks, Coins & Car. T. Glenn Horst & Sons, Aucts.

SAT. AUG. 8 - 8AM Real Estate, Commercial Butcher Eq., Cattle Truck, Farmall Cub, 1973 Chevy Nova, Wheel Horse Riding Tractor, Tools, Coins, Antiques, HH Goodsetc Along Mount Laurel Rd between Temple and Pricetown Rd., Alsace Twp., Berks Co., PA Formerly known as Delp's Butcher Shop Dennis F Wagner, Auct.

SAT. AUG 8 - 9AM Inventory, New & Used Tools. Smucker Welding Steve Petersheim & Steve, Jr. Aucts

MON AUG. 10 - 5PM By. Sam Grace, 1964 New Holland Pk. (Rt 23), Eden, Lanc. Co., PA. Garage Tools & Equipment & Hotel Items T. Glenn Horst & Sons, Aucts

TUES AUG. 11 - 10AM Household, Furniture, Antiques. By: Levi Esh. Steve Petersheim & Steve, Jr. Aucts.

WED. AUG. 12 - 5:30PM 1968 Mustang Convertible, Trucks, Toys, Antiques, Collectibles. 102 Church St., to rear of Bible Fellowship Church, Ephrata, PA. Terms by: Ray H. Good. T. Glenn & Timothy G. Horst, Aucts.

FRI. AUG. 14 - 1:30PM State Graded Feeder Pig Sale. Grading 7:30 until 11:30AM. Carlisle Livestock Market, Inc., Exit 12 off I-81. 717-249-4511.

FRI. AUG. 14 - 7:30PM RD 1, Shippensburg, PA. Dairy Cattle Sale. Carl Kelso, Jr. and Betty Kelso, owners. Kling's Auction Service, Sale Mgrs.

SAT. AUG. 15 - 9AM 19th Annual Community Sale of Farm Eq., HH, Lawn & Garden at Leesport Market, Rt. 61 N. of Reading. Sale sponsored by: Berks Co. Pomona Grange. 7 Local Auctioneers.

SAT. AUG. 15 - 9AM Kutztown Community Fire Co. Consignment Sale. 2 mis. N. of Myerstown at the village of Kutztown on Rt. 645. Henry Brubaker, Chairman. 717-866-2702. Local Aucts.

SAT. AUG. 15 - 10:30AM Vegetable Farm Equip. Greenhouse Auction. 9 Tractors, 3 Crawlers, 7 Trucks, 14 Greenhouses, Irrig. Machinery. Great Meadows, N.J. From Rt. 46 take Rt. 611 North for 1½ mi. to Shades Rd., continue 1/4 mi. to farm. 15 mi. SE of Del. Water Gap, PA line. For Grabowski Bros. Sale conducted by Col. Fred R. Daniel Auctioneers, Inc.

TUES. AUG. 18 - 5PM By: Fred N. Buch & Helen I Buch. At 1419 W. Main St., Ephrata, Lanc. Co., PA. Antique Millwork, Lumber, Hardware & Tools. T. Glenn Horst & Sons, Aucts.

FRI. AUG. 21 - 6:30PM Consignment Sale of Feeder Pigs & Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. AUG. 22 - 9AM 21 Acre Farm, Antiques, HH, Farm Eq., Coins. Along School Rd., Brecknock Twp., Lanc. Co., PA. Rt. 897 approx. 1 mi. N. of Fivepointville turn E. onto School Rd. Terms by: Isaac G. & Eleanor H. Good. T. Glenn & Timothy G. Horst, Aucts.

SAT. AUG. 22 - 11AM Farm Toy Consignment Auction. Old & New Items. At Gap, PA. Fire House near intersection of Rt. 30 & 41. Dale Stoltzfus, Auct. 717-768-3554.

THURS. & FRI., AUG. 27 & 28 - Large two day sale of farm equipment at Horst Machinery lot, one mile east of Marion, PA. Ralph W. Horst, Manager.

SAT. AUG. 29 - 8:30AM Consignment Horse Sale at Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SEPTEMBER

THURS. SEPT. 3 - 11AM 100 Head holsteins, 70 milk cows, balance heifers. Snyder Co., 2 mis. S. of Mt. Pleasant Mills (off Rt. 35 at blinker light) on P 104, turn E. at D & D Auto Sales, 1 mi. (at yellow house) turn right ½ mi. to farm. James Hunsberger. Mark Glick, Auct.

FRI. SEPT. 11 - 1:30PM State Graded Feeder Pig Sale. Grading 7:30 until 11:30 a.m. Carlisle Livestock Market, Inc., Exit 12 off I-81 717-249-4511.

FRI. SEPT. 11 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

THURS. SEPT. 17 - 3:30PM By: Fred N. Buch & Helen I. Buch, 1419 W. Main St., Ephrata, Lanc Co., PA. Old Store Items, Antiques, Toys & Collectibles. T. Glenn Horst & Sons, Aucts.

FRI. SEPT. 18 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. SEPT 26 - Henkels & McCoy, Strinestown, PA Construction & Line Equipment. Vilsmeier Auction Co., Inc.

SAT. SEPT. 26 - 10AM Fall Heifer Sale at New Holland Sales Stables, Inc., New Holland, PA.

SAT. SEPT. 26 - 2PM Lester T. and Kathryn Good, 730 Flintstone Rd., Clay Township, Ephrata, PA. 59 Acre limestone hog farm. Paul E. Martin, John D. Stauffer, Auctioneers.

OCTOBER

THURS. OCT. 8 - 12 NOON - Western PA Sale of Stars. Leroy Hogg, Slippery Rock, PA.

WED. OCT. 14 - Dispersal of 150 head Purebred Grade Holstein Cows and Bred Heifers on the John E. Sollenberger Farm, about four miles southeast of Chambersburg, PA Sollenberger and McCoy, owners. Ralph W. Horst, Marion, PA. Sale Manager, Horst & Kling, Auctioneers.

FRI. & SAT. OCT. 16 & 17 - Associated Builders & Contractors, (Keystone Chapter), Middletown, PA. Construction Equipment, Trucks & Trailers. Consignments now being accepted. Vilsmeier Auction Co., Inc.

NOVEMBER

SAT. NOV. 7 - Real Estate, Personal Property, Farm Mach. & Tools. Rt. 625 to town of Bowmansville, turn east on Maple Grove Road, continue across turnpike bridge first lane left. Terms by: William G. Musser. Rog Good Jr., Randall Kline & Lloyd Kreider, Aucts.

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M
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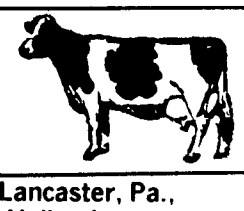
BELLEVILLE LIVESTOCK MARKET
HERD DISPERSAL
WED., JULY 8, 1987
1:30 P.M.
23 HEAD OF HOLSTEINS
Consisting of all the fresh cows & springers from a top producing Snyder Co. herd plus some open heifers ready to breed.
All calfhood vaccinated, health charts furnished.
For more information call 717-935-2146 or 717-667-2703

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, Pa., just off Rt. 23, New Holland.
SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JULY 8, 1987
Heifer Sale Starts At 11:00 A.M.
****
Also Selling
- 1 load fresh and springer cows consigned by Norman and David Kolb.
- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh cows consigned by Dale Hostetter.
- 1 load fresh cows consigned by Alfred Albright.

****
For More Information Contact:
Abe Diffenbach 717-354-4341
Norman Kolb 717-397-5538

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LONG-RAY FARMS
BRED HEIFER SALE
THURSDAY EVE., JULY 9
7:00 P.M. SHARP
Located 7 miles south of Port Royal on Mountain Road. Sale sign along Route 75, 6 miles south of Port Royal.
48 HEAD HOLSTEIN HEIFERS 48
33 registered - 15 grade.
45 pasture bred 10-3-86 to 11-27-86 and 3 due December.
14 Chairman daughters; 2 Jet Stream; others represented - Legacy Job, Wiseman and Jemini.
Dams records to 22,000 milk, 750 fat.
Health charts - pregnancy checked - most vaccinated.
TERMS - CASH OR GOOD CHECK.
SALE HELD IN TENT
LUNCH STAND
RAYMOND T. & GLADYS I. LONG,
Owners
R.D. 1, Box 461
Port Royal, PA 17082
Ph. 717-527-4458
Ray Long, Auct.
Ph. 717-527-2405
Au 001702 L
Stong & Robertson, Clerks

International Jersey Extravaganza
Monday, July 13, 1987- 1:00 P.M.
At Heron Run Farm, Washington, New Jersey
Directions: Take Rt. 31 North of Clinton approximately 9 miles. Turn right on Anderson Rd. Farm is on the right. Watch for Sale Signs.
*** SELLING 65 REGISTERED JERSEYS ***
From The United States, Canada And The Isle Of Jersey
Sires Include: Highland Magic Duncan, A-Nine Top Brass, Valleystream Silver Beacon, JFD Title, Schultz Performing Legend, J.S. Quicksilver Royal, Stardust Gemini, Mayfield Volunteer Bruce, and many more!
A few of the Highlights: A "Top Brass" at 2-0 273 9268 6.2% 570 4.1% 382 RIP, due in August to "Master C"; An EX-90% Butterfield Summer Sun at 4-4 290 12400 4.7% 578 4.3% 533 RIP, due in July to Squire; An EX-90% "Top Brass" at 1-10: 365 16,751 4.6 779 3.5% 584; A fresh JFD Title and a "Bruce" Junior yearling out of an EX-93% "Silver Beacon" dam with 4-00 365 26973 5.4% 1461; A "Duncan" Senior calf out of an EX-90% dam with 6 lactations average 16,388 - 716 m.e.; A VG-89% "Generator" with 77.0 lbs her first full month on test; A VG-87% "Generator" at 3-04 365 14138 576 530; An EX-90% Saints Jericho at 3-0 365 19,554 5.2% 1023 3.5% 683 due in July to "Bruce"; and many more!
For more Information Contact:
Max Spann, Host, PO Box 256, Bedminster, NJ 07921, 201/234-1115 or 537-6110
Jersey Marketing Service, PO Box 27310, Columbus, OH 43227, 614/861-3636
Heron Run Farm, Dave Wallace, Manager, Rt. 3 Box 318A, Washington, NJ 07882, 201/537-4100

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215 445 4309

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FOX-FIELD STOCK FARM COMPLETE MILKING HERD DISPERSAL

Thursday Evening, July 9th — 7:30 P.M.

At Melvin Kolb Inc. Farm — Lancaster, PA

LOCATION: West of Lancaster on Dairy Road. Take Route 283 West to 741 East and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

85 High Producing — High Testing Registered Holsteins

LATEST RHA 20,528 3.9 801!!!

— 16 Head Sell With Over 1000 Lbs. Fat!! 11 More Over 900 Lbs.!!

LOOK AT THESE SENSATIONAL INDIVIDUALS

one of the finest groups ever sold at Kolb's

Fox-Field Apache Molly (2E-91)
6-11 304 30,415 4.6 1398
By Apache & bred to Mandingo
seven in family sell.

Fox-Field Lee (VG-87)
3-6 302 25,822 4.3 1103
By Wayne from Molly

Fox-Field Money Sunshine (VG-86)
3-10 305 25,143 4.0 1016
By Moneymaker from Molly

Fox-Field Apache Rose (VG)
3-10 342 23,906 4.5 1076
By Apache. Her Outstanding, tall 2y dtr. by Chairman sells. Starting at 80 lbs.

Kaindale Engraver Carol (VG-87)
4-10 365 25,100 4.0 1040
Her dam is excellent. Dtr. also sells.

Fillmore R Lotus Bloom (EX-90)
4-10 334 27,997 4.2 1180
5-10 336 29,376 4.0 1170
By Citation R Maple. Just fresh.

Fox-Field Astro Ramona (VG-88)
6-8 296 25,510 4.0 1030
Dtr. of Astronaut

Fox-Field Apache Mona (VG-85)
2-2 272 17,086 4.9 670
By Apache from Ramona

Andfar Marvin Fruitcake (VG-88)
7-8 305 27,890 3.9 1098
2 dtrs. sell.

Fox-Field Apache Jennifer (EX-90)
4-5 311 30,199 3.7 1124
Fresh May & at 106 lbs. now.
By Apache from 972F dam.

Fox-Field Triple Threat Candy (VG-85)
5-11 353 24,112 5.1 1199
By Triple Threat. 2 dtrs. sell.

Fox-Field Cherie (VG-87)
2-5 272 22,148 3.8 842
By Cavalier from Candy

Fox-Field Boot-Nick Nellie (VG-85)
4-2 305 22,509 4.1 922
11 head in family sell.

Fox-Field Boot-Nick Brenda (VG-85)
5-1 305 16,884 5.1 853
From same family as Nellie
Her GP-83 Jet Stream with
3-9 280 19,235 4.1 796 sells.

2E-93
1500 lbs. fat
1000 lbs. protein

Her Service Age Son Sells

HERRONHOLM ELEVATIONS FAYVOR (2E-93)
6-4 365 28,706 5.2% 1516F
3.8% 1077 protein
7-11 365 26,079 4.8% 1246F
3.8% 988 protein
Lifetime to date 126,052 4.8% 6068
CTPI (+585)

One of Elevation's highest fat and protein dtrs. Her outstanding son by S-W-D Valiant sells ready for heavy service.

Selling 3 Excellent 26 Very Goods and 29 At Good Plus!

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Apache 12, Cavalier 6, Astronaut 2, Willow 3.

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